

20000606.qrp v01_n844.qrl.20000606

Date: Tue, 6 Jun 2000 19:03:13 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1844

QRP-L Digest 1844

Topics covered in this issue include:

- 1) [71956] Re: propagation
by "John J. McDonough" <wb8rcr@arrl.net>
- 2) [71957] Yay! I got my SMK-1!
by "Joe Malloy" <jmalloy@hamilton.edu>
- 3) [71958] Applying the Easy One Watt Mod for the SMK-1 to the Tuna Tin II
by NB6M@aol.com
- 4) [71959] WTB: Looking for a 40m QRP vacation rig
by "Tim Cook" <timcook@erinet.com>
- 5) [71960] w/r ant
by hamjoel@juno.com
- 6) [71961] RE: F.S.(Too many QRP radios)
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 7) [71962] YES, WAS QRP!
by "Kevin F. Glynn" <kfglynn@mindspring.com>
- 8) [71963] Re: Sources for LCD displays
by "laura halliday" <marsgal42@hotmail.com>
- 9) [71964] ICOM 706 tuning adaptor info here!
by Randy & Cara Randall <crrandal@seidata.com>
- 10) [71965] FS: Heathkit HW-8
by billrobb@net-link.net
- 11) [71966] Re: Sources for LCD displays
by "John J. McDonough" <wb8rcr@arrl.net>
- 12) [71967] Re: ICOM 706 tuning adaptor info here!
by "John J. McDonough" <wb8rcr@arrl.net>
- 13) [71968] RE: Propagation
by N10DL@aol.com
- 14) [71969] HB: or Hams on a Budget
by Stephen M Smith <sigcom@juno.com>
- 15) [71970] Kester solder for K2
by Randy D Jobe <n9yai@juno.com>
- 16) [71971] SMK-1
by Craig LaBarge <wb3gck@yahoo.com>
- 17) [71972] Re: IC706/FT100/DX70TH current?
by "JC Smith" <jc-smith@worldnet.att.net>
- 18) [71973] Re: Before you yell about interference
by Ray Colbert <af852@rgfn.epcc.edu>
- 19) [71974] Re: Kester solder for k2

- by K4YBB@aol.com
- 20) [71975] Re: Kester solder for K2
by "Paul Christensen" <paulc@mediaone.net>
 - 21) [71976] Re: Kester solder for K2
by "Paul Christensen" <paulc@mediaone.net>
 - 22) [71977] Trail/Traveler Straight Key?
by "Kevin F. Glynn" <kfglynn@mindspring.com>
 - 23) [71978] Re: HB: or Hams on a Budget
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
 - 24) [71979] ELMER: 10 minute propagation report lesson
by "John J. McDonough" <wb8rcr@arrl.net>
 - 25) [71980] Only slightly OT: space storms
by "John W. Reynolds" <jwr@nettally.com>
 - 26) [71981] RV: Help request with Kenwood rig
by "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
 - 27) [71982] RV: C08LY's QRP rig QRT
by "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
 - 28) [71983] Re: ELMER: 10 minute propagation report lesson
by "Paul Harden, NA5N" <na5n@rt66.com>
 - 29) [71984] Re: YES, WAS QRP!
by Monte Stark <ku7y@dri.edu>
 - 30) [71985] Bands pretty cruddy!
by "Paul Harden, NA5N" <na5n@rt66.com>
 - 31) [71986] [PROP] For Field Day
by "Paul Harden, NA5N" <na5n@rt66.com>
 - 32) [71987] K0EVZ Sprint 6/6/2000
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
 - 33) [71988] OT: Cellular Phone info needed
by Monte Stark <ku7y@dri.edu>
 - 34) [71989] Re: [PROP] For Field Day
by Steve Yates <aa5tb@yahoo.com>
 - 35) [71990] FS: MFJ QRP Cubs 40m & 15m
by "Don Wines" <dwines@tyler.net>
 - 36) [71991] New Altoid Mint Box
by TheoWAn9sel@aol.com
 - 37) [71992] WTB: Tek Scope Plug in Module.
by Pete Burbank <plburbank@kih.net>
 - 38) [71993] [TEST] Sprint
by Joel Malman <malman@world.std.com>
 - 39) [71994] Re: [TEST] Sprint
by Jim/Julia <w7ls@blarg.net>
 - 40) [71995] Speed of Light
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
 - 41) [71996] Re: Speed of Light
by Joel Malman <malman@world.std.com>
 - 42) [71997] Re: Sources for LCD displays
by "w8diz" <w8diz@cinci.rr.com>
 - 43) [71998] FS: SST-40 w/KC-1

by "Alan Fryer" <n3bj@hotmail.com>
44) [71999] Re: New Altoid Mint Box
by Michael Bower <bowerm@ix.netcom.com>
45) [72000] FS: Drake SW-2 Receiver
by N3BJ <N3BJ@hotmail.com>
46) [72001] Re: FS: MFJ QRP Cubs 40m & 15m (40m SOLD)
by "Don Wines" <dwines@tyler.net>
47) [72002] Re: Alaskan QRP
by Wb8siw@aol.com
48) [72003] Re: Bands pretty cruddy!
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
49) [72004] Re: REPOST : QRP-L FOXHUNT RESULTS w/ WS4S score!
by Dan Copeland <kf0ov@alltel.net>
50) [72005] Re: Speed of Light
by "Dan W. Dooley" <dandooley@pipeline.com>
51) [72006] Re: REPOST : QRP-L FOXHUNT RESULTS w/ WS4S score!
by Dan Copeland <n0dt@alltel.net>
52) [72007] Re: Alaskan QRP
by "Gary Lee Phillips" <ka9nzi@arrl.net>
53) [72008] Full Mailbox for Qrpop
by NB6M@aol.com
54) [72009] Portable Recommendations?
by "Russell Cheatham" <u2892@email.sps.mot.com>
55) [72010] AE4GX GA Sierra Setup weighs in at 2.5 pounds for ARS Sparatan Sprint
by Sam Billingsley <SBillingsley@usaninc.com>
56) [72011] Re: [TEST] Sprint
by Steve Yates <aa5tb@yahoo.com>
57) [72012] Re: Speed of Light
by Richard Matthews <prm@hiwaay.net>
58) [72013] Re: Speed of Light
by "Rick - WW9JD" <ww9jd@arrl.net>
59) [72014] Re: Sources for LCD displays
by neil <neil@aade.com>
60) [72015] Re: Bands pretty cruddy!
by Jim Lyons <lyons@canada.com>
61) [72016] PORTABLE ANTENNA-loop or inverted vee
by ARDUJENSKI@aol.com
62) [72017] RE: Speed of Light
by "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>
63) [72018] Re: Alaskan QRP
by Wb8siw@aol.com
64) [72019] Re: Bands pretty cruddy!
by "Mike Yetzko" <myetzko@insydesw.com>
65) [72020] Re: Speed of Light
by Wb8siw@aol.com
66) [72021] Re: Bands pretty cruddy!
by "J. Ervin Bates" <w8erv@email.msn.com>

- 67) [72022] Re: REPOST : QRP-L FOXHUNT RESULTS w/ WS4S score!
by "George T. Baker" <w5yr@att.net>
- 68) [72023] RE: Speed of Light
by Monte Stark <ku7y@dri.edu>
- 69) [72024] Re: [TEST] Sprint
by "Rod, N0RC" <n0rc@qsl.net>
- 70) [72025] Time for a QRP-L FAQ?
by "Rod, N0RC" <n0rc@qsl.net>
- 71) [72026] 6JUN: MAJOR FLARES in progress
by "Paul Harden, NA5N" <na5n@rt66.com>
- 72) [72027] For Sale: QRP Companion
by Maurice L Haynes <kv7g@juno.com>
- 73) [72028] Re: [TEST] Sprint
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 74) [72029] Re: Bands pretty cruddy!
by Joel Malman <malman@world.std.com>
- 75) [72030] Re: Time for a QRP-L FAQ?
by Bob Patten <n4bp@bc.seflin.org>
- 76) [72031] Re: [TEST] Sprint
by mulveyr@iname.com
- 77) [72032] Re: [TEST] Sprint
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 78) [72033] ANTENNA PATCH PANEL
by ARDUJENSKI@aol.com
- 79) [72034] Re: [TEST] Sprint
by Phil Wheeler <w7ox@earthlink.net>
- 80) [72035] Re: [TEST] Sprint
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 81) [72036] Re: New rig
by "Mike =?ISO-8859-1?Q?N=D8WDM"?= <michaelbstjames@email.msn.com>
- 82) [72037] Re: [TEST] Sprint
by Phil Wheeler <w7ox@earthlink.net>
- 83) [72038] RE: Speed of Light
by "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>
- 84) [72039] FS/shack cleaning items
by Allan G Taylor <k7gt@qsl.net>
- 85) [72040] Re: [TEST] Sprint
by Michael Neverdosky <mneverdosky@earthlink.net>
- 86) [72041] Re: [TEST] Sprint
by mulveyr@iname.com
- 87) [72042] HW-7 MANUAL
by "Bradfield, Brad V." <BBradfield@spectrapoint.com>
- 88) [72043] RE: New rig
by "Mugleston, Brad" <brad.mugleston@gwl.com>
- 89) [72044] Re: [TEST] Sprint
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
- 90) [72045] Re: FS/shack cleaning items
by Allan G Taylor <k7gt@qsl.net>

- 91) [72046] Re: PORTABLE ANTENNA-loop or inverted vee
by David Heintzleman <pstrdave@kdsi.net>
- 92) [72047] Need Help with TS 520 on QRP
by Norman Young <norman_y@yahoo.com>
- 93) [72048] Re: Time for a QRP-L FAQ?
by tailfeathers@juno.com
- 94) [72049] Re: [TEST] Sprint
by Jim/Julia <w7ls@blarg.net>
- 95) [72050] F/S 38 Special
by Casey Ray <clray@usc.edu>
- 96) [72051] [PROP] SEVERE storm likely
by "Paul Harden, NA5N" <na5n@rt66.com>
- 97) [72052] Re: Time for a QRP-L FAQ?
by Bob Kellogg <ae4ic@nr.infi.net>
- 98) [72053] Re: [TEST] Sprint
by "Dan W. Dooley" <dandooley@pipeline.com>
- 99) [72054] Re: "Old Man Copper"
by zmola@campbellsci.com
- 100) [72055] Re: [TEST] Sprint
by Shephed@aol.com
- 101) [72056] Re: Speed of Light
by "Frank Grigaliunas" <fgrig@iea.com>
- 102) [72057] MAX 231 - 232 question
by Paul Erickson <paule@sfu.ca>
- 103) [72058] Re: Time for a QRP-L FAQ?
by Bruce Muscolino <w6toy@erols.com>
- 104) [72059] Sources for LCD displays
by Bcieslak@ra.rockwell.com
- 105) [72060] Re: FS/shack cleaning items, UPDATE
by Allan G Taylor <k7gt@qsl.net>
- 106) [72061] Re: Time for a QRP-L FAQ?
by lujce@Lehigh.EDU
- 107) [72062] CLUB: July issue of the QRP Quarterly
by "NA6E" <na6e@qsl.net>
- 108) [72063] Re: [TEST] Sprint
by Steve Yates <aa5tb@yahoo.com>
- 109) [72064] IEEE Microwave Magazine Article
by "James P. Osburn, P.E." <j.p.osburn@ieee.org>
- 110) [72065] Re: [TEST] Sprint
by "John Moriarity" <k6qq@hdo.net>
- 111) [72066] Re: MAX 231 - 232 question
by "Mike Yetsko" <myetsko@insydesw.com>
- 112) [72067] OT: Re: Cellular Phone info needed
by Monte Stark <ku7y@dri.edu>
- 113) [72068] Re: PORTABLE ANTENNA-loop or inverted vee
by Paul Womble <pwomble1@tampabay.rr.com>
- 114) [72069] Re: [PROP] SEVERE storm likely
by "Rod, N0RC" <n0rc@qsl.net>

- 115) [72070] RE: Time for a QRP-L FAQ?
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
116) [72071] Hy-Gain DX77 vertical sought
by Allan G Taylor <k7gt@qsl.net>
117) [72072] Re: [PROP] SEVERE storm likely
by Dave Sjolín <sjolin@swbell.net>
118) [72073] Re: REPOST : QRP-L FOXHUNT RESULTS w/ WS4S score!
by K1JD@aol.com
119) [72074] Re: [PROP] SEVERE storm likely
by "Brad Hernlem" <alihernlem@hotmail.com>
120) [72075] OT: DSL?
by James Skalski <jskalski@localnet.com>
121) [72076] Re: "Old Man Copper"
by zmola@campbellsci.com
122) [72077] RE: DSL?
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>

Date: Mon, 5 Jun 2000 19:08:31 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: <anthony@pacinfosb.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [71956] Re: propagation
Message-ID: <006e01bfcf43\$2cb856a0\$010044c0@Conor.baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The most useful single piece of data I've found is the MUF map at
<http://www.spacew.com/www/realtime.html>. However, for predicting what
bands/times for specific contacts, I'd pay attention to the cycle of the
flux and A index, interpreted through a heavy dose of experience. QRZ has
the important numbers right at the top of the page, so it's pretty handy to
keep an eye on them.

>From the sounds coming from my radio, tonite ain't the night for much of
anything! And with the A index at 21, is there any hope for the Spartan
Sprint tonite?

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

-----Original Message-----

From: Anthony Felino <anthony@pacinfosb.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Monday, June 05, 2000 6:09 PM

Subject: propagation

>Does anybody know of a source of propagation estimates for
>domestic contacts? The charts I see are for DX contacts, but

Date: Mon, 5 Jun 2000 19:26:58 -0400
From: "Joe Malloy" <jmalloy@hamilton.edu>
To: <qrp-1@Lehigh.EDU>, <WA6GER@aol.com>
Subject: [71957] Yay! I got my SMK-1!
Message-ID: <000001bf4cf45\$8b56ae30\$c447eed8@mozart>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Went to the post office this morning and what should I find but an SMK-1 kit! The size of the box it came in gave me pause -- until I opened it. Gee, those parts are *tiny*. Thanks to all who made it possible for me to have the expected problems I always seem to have, what with my eyesight going and the parts getting smaller before my eyes...really, though, thanks guys! I look forward to getting it on the air.

72,

Joe, W2RBA

Date: Mon, 5 Jun 2000 19:43:37 EDT
From: NB6M@aol.com
To: qrp-1@lehigh.edu
Subject: [71958] Applying the Easy One Watt Mod for the SMK-1 to the Tuna Tin II
Message-ID: <a4.5427890.266d9529@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I'm sure you all have thought of this, but since the NorCal SMK-1 kit is really nothing more than a TT2/MRX40 combination, there is no reason why the Easy One Watt Mod could not be applied to a Tuna Tin Two (or any QRP transmitter that puts out 1/4 watt or so).

C-22 in the SMK-1 circuit is the .1 uf cap that couples the RF from the collector of the final amp in the transmitter circuit to the output PI network. Simply remove that cap and insert the circuit for the Easy One Watt Mod.

You should be able to locate a good pickoff point for the 12 volts, just about like in the SMK-1, where there is already an RF bypass cap. If not, take 12 volts from the main 12 volt supply line and put a .1 uf and a 10 uf electrolytic between the top of the 10 uh RF choke in the Mod circuit and ground. The mod should work just fine.

I have a Tuna Tin II that I built some time ago (it has the radio shack RF chokes in it that are no longer available, that should tell you about how long ago, hi) and I will try the mod on it. However, there is no reason for it not to work. Give it a try.

72

Wayne NB6M

Date: Mon, 5 Jun 2000 19:46:09 -0400
From: "Tim Cook" <timcook@erinet.com>
To: "QRP" <qrp-l@lehigh.edu>
Subject: [71959] WTB: Looking for a 40m QRP vacation rig
Message-ID: <018e01bf48\$39c6fb80\$86785acf@erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Looking for a 40m qrp rig to take on vacation. doesn't need to be mint, just work well. must have qsk and 2 + watts out. please email direct with info if you have something to sell at a reasonable price.

thanks

Tim

Nz8J

Date: Mon, 5 Jun 2000 19:53:06 -0400
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [71960] w/r ant
Message-ID: <20000605.195557.-233611.0.hamjoel@juno.com>
MIME-Version: 1.0

Content-Type: text/plain
Content-Transfer-Encoding: 7bit

FWIW DEPT.

I am now down to a dipole... up 40+ foots... changed my rope in the tree to a larger nylon rope and put a pulley at the end of it... got tired of fighting the pullem up game with the rope scraping the tree....and the knots hanging up... and my hands getting torn up....

trying to decide if I really want to try a funny two element eighty meter beam....I would only have room for about 70ft on top... the rest would have to hang over the edge of the dowl rod.....
at .1 wave spacing I would use 28ft for spacing... the flat portion would be over 40ft high so it should work a little... however that's a lot of effort for a "just to see"....

I'll tell u what guys, gals that funny 20 mtr antenna has let me work all of europe. I might be able to get it pointed towards africa... I could just use two elements... a director and driven.. which would give me four elements total... two- two elements side by side... I could even get away with 7ft dowels (7 ft spacing)... hmmm

'Course the fishing is picking up and my little kayak is calling and the water an't so cold anymore... U kneaux this dipole thing might last a week! :-)

kella joel
in maine
gone fishing... soon

YOU'RE PAYING TOO MUCH FOR THE INTERNET!

Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Mon, 5 Jun 2000 19:08:33 -0500

From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>

To: <ADRAMIS@aol.com>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>

Subject: [71961] RE: F.S.(Too many QRP radios)

Message-ID: <000001bf4cf4b\$5aafa2e0\$503dc6d8@wb5rue>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

TOO MANY RADIOS? HERESY! ;)

72/

Kevin, WB5RUE

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> ADRAMIS@aol.com
> Sent: Monday, June 05, 2000 5:24 PM
> To: Low Power Amateur Radio Discussion
> Subject: F.S.(Too many QRP radios)
>
>
> I have the following Items for sale,
> 1) MFJ 9420 20 meter ssb travel radio with MFJ-415 CW
> adapter and
> microphone
> Excellent condition \$150.00.
> 2) Radio Shack HTX-100 ... 10 meter SSB-CW Transceiver
> box and manual
> \$100.00 Excellent condition never used mobile.
> Please contact me direct
> Angelo Drammissi K3YUN
> Adramis @aol.com
>
>

Date: Mon, 5 Jun 2000 20:13:54 -0400
From: "Kevin F. Glynn" <kfglynn@mindspring.com>
To: <qrp-1@lehigh.edu>
Subject: [71962] YES, WAS QRP!
Message-ID: <003401bfcf4c\$1a906cc0\$322ff7a5@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi gang,

Thanks to Dean KH6B I've now worked WAS QRP! I'll be hooking up with Brian KF2HC shortly once I get Dean's card with application in hand!

Thanks Dean, great job. I figured we'd give 15 Meters a whirl last night at 0200 UTC then 20 Meters if it was a no go. I gave a good long call (5x5) and Dean came right back with my call! I still love this stuff. Used my IC-728 at a bit under 5 watts into a 20 Meter inverted-v up about 43'.

Joe KI3B from DE and Ron KU7Y from NV helped with needed states as well in the past. Thanks guys!

72 Kevin N2T0

Brooklyn, NYC
kfglynn@mindspring.com

Date: Mon, 05 Jun 2000 17:15:59 PDT
From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [71963] Re: Sources for LCD displays
Message-ID: <20000606001559.12092.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

While you will pay a premium for new ones (e.g. Digi-Key), there is something to be said for a first-quality display - you know where it came from, and you know that it will work. If you plan to do a lot of this sort of stuff, buying one good one for testing can save a lot of torn-out hair. :-)

The definitive source for programming information, by the way, is the data sheet for the 44780 LCD controller chip. Do a search on Hitachi's web site.

Laura Halliday VA3LDH/7 "Que les nuages soient notre
Grid: CN89mg pied a terre..."
 - Hospital/Shafte

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

Date: Mon, 05 Jun 2000 19:20:55 -0500
From: Randy & Cara Randall <crrandal@seidata.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [71964] ICOM 706 tuning adaptor info here!
Message-ID: <393C43E7.1105470D@seidata.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello all. I came across this page for a schmatic to activate the tuner button on a 706 without having an ICOM antenna tunner attached. It is a very simple circuit and should be very useful.

It should work on any ICOM with the 4 wire antenna tuner connector 706, 707, 746, 756 etc...

Here is the url:

<http://www.qsl.net/g4fzn/>

73

Randy KB8AS0

Date: Mon, 05 Jun 2000 20:47:59 -0400
From: billrobb@net-link.net
To: qrp-1@Lehigh.EDU
Subject: [71965] FS: Heathkit HW-8
Message-ID: <3.0.6.32.20000605204759.007ab5b0@pop.net-link.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I just got this rig in a swap. It has the following mods:

Case painted black
Replacememnt knobs
Input/Output jacks on the rear panel for an amplifier
SWR bridge added with the controls on the rear panel.
Internal speaker
The receiver is hot so there may be a mod there as well.

I have the manual and much documentation on the possible mods. I put this on the air tonight. Works fine.

\$100 plus \$6 shipping CONUS

Bill

Date: Mon, 5 Jun 2000 20:37:51 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: <marsgal42@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [71966] Re: Sources for LCD displays
Message-ID: <017301bf4f4f\$a1730920\$010044c0@Conor.baycty1.mi.home.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have to say, I really do like DigiKey. Their service is second to none. But sometimes a little uncertainty, a little longer delivery, etc. is worth it.

For example, the Optrex 20434 4 line x 20 display is almost 50 bucks from DigiKey, 6 from BG Micro. That's a pretty significant difference. Just last week I got their PIC-an-LCD kit. I haven't designed with an LCD and I figured it was an easy way to see what I needed to do. For \$32 I got a 20434 ("removed from new equipment" - appears to be new), a circuit board, crystal, PIC, wall wart and associated circuitry to interface the LCD to a serial signal (TTL only, the RS-232 version with contrast pot and beeper was an extra four bux and I have plenty of MAX232's in the junk box). And a really good manual.

OK, the serial interface is totally useless to me after I played with it for an hour, but now I know how the LCD plays, and for sure how to interface it to the PIC. Well worth the bucks to me and I've still invested quite a bit less than the LCD alone from DigiKey.

Now I expect I'll pick up some more of those "junk" LCD's before you guys buy them all up - this time without the PIC.

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

-----Original Message-----

From: laura halliday <marsgal42@hotmail.com>
Subject: Re: Sources for LCD displays

>While you will pay a premium for new ones (e.g. Digi-Key),
>there is something to be said for a first-quality display -

Date: Mon, 5 Jun 2000 20:39:02 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: <ccrrandal@seidata.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [71967] Re: ICOM 706 tuning adaptor info here!
Message-ID: <017401bf4cf4f\$a52514a0\$010044c0@Conor.baycty1.mi.home.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Randy

Check out my page with a manhattan layout for the same circuit

<http://www.qsl.net/wb8rcr/706Tune.html>

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

-----Original Message-----

From: Randy & Cara Randall <crrandal@seidata.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Monday, June 05, 2000 8:24 PM
Subject: ICOM 706 tuning adaptor info here!

>Hello all. I came across this page for a schmatic to activate the tuner
>button on a 706 without having an ICOM antenna tuner attached. It is a
>very simple circuit and should be very useful.
>It should work on any ICOM with the 4 wire antenna tuner connector 706,
707,
>746, 756 etc...
>
>Here is the url:
>
><http://www.qsl.net/g4fzn/>
>
>73
>Randy KB8ASO
>
>
>

Date: Mon, 5 Jun 2000 20:48:34 EDT
From: N10DL@aol.com
To: qrp-l@lehigh.edu
Subject: [71968] RE: Propagation
Message-ID: <b8.6a28d46.266da462@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

can anyone tell me where I can go to learn how to read the propagation reports?

Thanks

Aron

N10DL

Date: Mon, 5 Jun 2000 18:10:18 -0700
From: Stephen M Smith <sigcom@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [71969] HB: or Hams on a Budget
Message-ID: <20000605.181018.-289045.0.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Group,

If you're trying equip your shop on a budget -and- you're lucky enough to live near a Harbor Freight Retail Store, they have a couple of items on sale that you might be interested in:

Item #: 35761, 7 function DVM.

<http://www.harborfreight.com/cpi/taf/Displayitem.taf?itemnumber=35761>

OK, so it's not Fluke quality :-). It does have some interesting features. Cheap. Did I say -cheap-? OK, inexpensive. On sale for \$6.49 (this is 1/2 regular price), walk-in customers only. IMO, the best 3 features (other than price): (1.) 10 Amp range. Perfect for checking key down current on that latest HB transmitter. (2.) Transistor DC beta tester. Good go/no-go tester for those mystery transistors from Dan's, etc. :-). (3.) Diode test. Supplies enough current to forward bias diodes when testing.

I have a couple of these DVMs and they work good. I leave my Fluke on the bench and throw this one in the tool box, kitchen drawer, etc..

Item #: 37405, Hand Punch Kit

(Don't have the URL for this one, their server was hosed over when I was making this. Just go to their home page and do a search by item #.)

<http://www.harborfreight.com/>

This is the punch that Chuck Adams and others use to punch out the -round- pads used for Manhattan style construction. (See Chuck's article in QRP Homebrewer magazine. You still have a chance to get a copy of this. http://www.njqrp.org/data/qrp_homebrewer.html) Also makes clean holes in thin tin enclosures like Altoids, not to mention aluminium boxes too. On sale for \$12.97, walk-in customers only. That's 35% off.

Now, let's jump to Surplus Sales of Nebraska.

<http://www.surplussales.com/Specials/Specialsmain.html>

HM-102S VOM-Multimeter.

They say this thing is "Military Surplus". I don't know about that, but it looks to be a fairly decent analog VOM for 8 bucks!! (OK, \$7.95). You have to order from their web site to get this price. The typical Volts, Ohms and mA ranges. Even a "DB" scale for making crude audio measurements. And a 1000 VDC range for you Glowbug people (keeping one hand in pocket while measuring!). Sure, I know a Simpson is better, but for a beginner if you zap it, you're only out a few bucks. And this -will- get you going for not much money. Or, if you're so well endowed, leave the Tripplet at home and throw this one in your TTF box :-).

That's it for now.

Usual disclaimer applies, caveat emptor, YMMV, yada yada yada.

73.....Steve, WB6TNL
The Scrounger

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Mon, 5 Jun 2000 20:24:39 -0700
From: Randy D Jobe <n9yai@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [71970] Kester solder for K2
Message-ID: <20000605.202440.-367595.0.n9yai@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hello Fellow QRPers,

I am happy to say I am patiently waiting for my K2 to arrive, in the mean time I would like to find the recommended kester 245 flux core solder with 2% sliver. Its serial number is sn62/pb36/ag02. I would like to get it from a mail order house as no supplier in my town stocks it. Any help would be greatly appreciated.

Thanks and 72's
Randy Jobe (N9YAI)

Date: Mon, 5 Jun 2000 18:17:47 -0700 (PDT)
From: Craig LaBarge <wb3gck@yahoo.com>
To: qrp-l-mailing-list <qrp-l@lehigh.edu>
Subject: [71971] SMK-1
Message-ID: <20000606011748.11269.qmail@web702.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

After repairing my SMK-1 last night, I put it on the air for the first time. After one "CQ", I got an answer from KF4UCC/QRP. We didn't get too far into the QSO when QRM wiped us out. Since I was running 300mW into my rainspout, I'm amazed anyone heard me at all. :-)

One thing I noticed, though. When I key the SMK-1, the transmit frequency drifts up in frequency slightly with time. It comes back down, of course, on key up. Not really fast enough to be considered "chirp" but it is noticeable.

Has anyone else noticed this?

73, Craig WB3GCK

Do You Yahoo!?
Yahoo! Photos -- now, 100 FREE prints!
<http://photos.yahoo.com>

Date: Mon, 5 Jun 2000 18:03:21 -0700
From: "JC Smith" <jc-smith@worldnet.att.net>
To: <andreas@OpenGrid.Com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [71972] Re: IC706/FT100/DX70TH current?
Message-ID: <007e01bfcf55\$093066c0\$9b05480c@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This is a little off topic for a qrp reflector, but Andres brings up a good point here. Obviously, a 100 W rig should never be fed from a cigarette lighter... even when you are using it qrp, but more to the point, my personal opinion is that ALL the commercially available 100 Watt rigs intended for mobile operations are supplied with too small a size of primary wire (power cable, the stuff you hook to the battery). If you install the radio near the battery and cut off about 75% of the wire they give you, it's probably going to be fine, but if you use the entire length they give you, you will probably have excessive voltage drop. What you get from the manufacturer is usually #12 or at best #10. I'd like to see #8 or better. When I remote mount radios in the trunk or in the back of a truck or station wagon, I like to run #4 wire from the battery to a distribution block near the radio(s). Then I cut off all but a short pigtail (the part that has the fuses) to go from the radio(s) to the block. Naturally, you want to fuse the positive primary wire at the battery as well. The negative should also be fused as, but that's to protect the radio and the fuses supplied with the radio will do that. I think they all fuse both + and - leads these days. These components can be obtained from car stereo dealers. Most carry the #4 primary wire and the fuses as well as various types of distribution blocks. Some charge too much. You can also find these things mail order (at lower prices) from a variety of sources. Welding supply places also carry large size cable, lugs, etc. and are usually much more reasonable in price. The components aren't as fancy though. The large size wire also has less tendency to pick up noise from engine computers and other "noisy" stuff in the vehicle.

72 - JC,k0hps@amsat.org

----- Original Message -----

From: Andreas Junge <andreas@OpenGrid.Com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Monday, June 05, 2000 12:33 PM
Subject: RE: IC706/FT100/DX70TH current?

> > Haven't notice that problem on my 706MKIIG. Does it make a

> > difference which
> > version of the 706? I run my camping, and at home. The
> > battery while camping
> > gets down below 13V quite often.
> > Jim
>
> I had a problem when I fed my 706 MK II from Cigarette lighter connector.
> The voltage drop was too high and the rig sounded really bad on the air. I
> guess that is what happening in your case.
>
> Wiring it directly to the battery did the trick.
>
> Andreas, N6NU
> Menlo Park

Date: Mon, 05 Jun 2000 19:24:45 -0600
From: Ray Colbert <af852@rgfn.epcc.edu>
To: qrp-1@lehigh.edu
Subject: [71973] Re: Before you yell about interference
Message-ID: <393C52DD.D2E39A94@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

No I don't think so. I mean that the stations in question are most likely not amateur, not using any amateur procedures, and have a total disregard for the existing occupancy of the frequency. The interference we are talking about is in the range of 14.040-14.050, some on 14.060(+/- 2)(lssb) and corresponding frequencies on 15 meters - not the internationally recognized dx fone freqs above 14.1 and 21.1. there have been many, many documented novice and tech + cw to foreign dx voice station contacts in the 21.1-21.2 ranges. The noted interfering stations are mostly on lower sideband, or fm or digi modes and voice combined in the bands in question.

--
"The more I see of the representatives of the people, the more I admire my dogs." letter from Count d'Orsay to John Foster 1850
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso, (FAR WEST) TEXAS

NetZero - Defenders of the Free World
Click here for FREE Internet Access and Email

<http://www.netzero.net/download/index.html>

Date: Mon, 5 Jun 2000 21:25:52 EDT
From: K4YBB@aol.com
To: qrp-1@lehigh.edu
Subject: [71974] Re: Kester solder for k2
Message-ID: <c8.5d4e391.266dad20@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Randy; Check out "Morse Express", "Oak Hills Research" site. seems I saw that very solder advertised there over the weekend. I can't find the URL right now but if you go to "njqrp.org" and then go to links page I think you will find one or both there.

72/73 Jim K4YBB

Date: Mon, 5 Jun 2000 21:33:53 -0400
From: "Paul Christensen" <paulc@mediaone.net>
To: <n9yai@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [71975] Re: Kester solder for K2
Message-ID: <084a01bf57\$4d4f24c0\$01230e3f@paulc>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I recently purchased a 16 oz. (454 g) spool from Mouser Electronics. Click on the following link:

<http://www.mouser.com/products/detail.cfm?MPart=533-24-7150-0027&CustRef=.&source=search&CFID=1909905&CFTOKEN=6777059>

-Paul, W9AC

-----Original Message-----

From: Randy D Jobe <n9yai@juno.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Monday, June 05, 2000 9:15 PM
Subject: Kester solder for K2

>Hello Fellow QRPers,

>
>I am happy to say I am patiently waiting for my K2 to arrive, in the mean
>time I would like to find the recommended kester 245 flux core solder
>with 2% sliver. Its serial number is sn62/pb36/ag02. I would like to get
>it from a mail order house as no supplier in my town stocks it. Any
>help would be greatly appreciated.
>
>
>Thanks and 72's
>Randy Jobe (N9YAI)

Date: Mon, 5 Jun 2000 21:38:51 -0400
From: "Paul Christensen" <paulc@mediaone.net>
To: <n9yai@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [71976] Re: Kester solder for K2
Message-ID: <085b01bf58\$33d17560\$01230e3f@paulc>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

And here's a link to the "no-clean" 245-series silver solder:

<http://www.mouser.com/products/detail.cfm?MPart=533-24-7150-8800&CustRef=.&source=search&CFID=1909905&CFTOKEN=6777059>

-----Original Message-----
From: Randy D Jobe <n9yai@juno.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Monday, June 05, 2000 9:15 PM
Subject: Kester solder for K2

>Hello Fellow QRPers,
>
>I am happy to say I am patiently waiting for my K2 to arrive, in the mean
>time I would like to find the recommended kester 245 flux core solder
>with 2% sliver. Its serial number is sn62/pb36/ag02. I would like to get
>it from a mail order house as no supplier in my town stocks it. Any
>help would be greatly appreciated.
>
>
>Thanks and 72's
>Randy Jobe (N9YAI)

Date: Mon, 5 Jun 2000 21:45:19 -0400
From: "Kevin F. Glynn" <kfglynn@mindspring.com>
To: <qrp-1@lehigh.edu>
Subject: [71977] Trail/Traveler Straight Key?
Message-ID: <007401bfcf58\$df7f5940\$322ff7a5@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Jay and gang,

I bought a small straight key from a ham in South Africa for \$25 about 3-4 years ago. Naturally don't have the info at hand. I also have an old US Navy flameproof key that's mounted on a piece of wood. That key has an excellent feel, my favorite for portable use.

GL

72 Kevin N2T0
Brooklyn, NYC
kfglynn@mindspring.com

Date: Mon, 05 Jun 2000 21:56:09 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-1@lehigh.edu
Subject: [71978] Re: HB: or Hams on a Budget
Message-ID: <3.0.6.32.20000605215609.00795a20@vmsspop.rit.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Now, let's jump to Surplus Sales of Nebraska.

>

><http://www.surplussales.com/Specials/Specialsmain.html>

>

>HM-102S VOM-Multimeter.

>

>They say this thing is "Military Surplus". I don't know about that, but
>it looks to be a fairly decent analog VOM for 8 bucks!!

Steve,

My grandfather would have said something like, "Looks like Swiss Navy standard issue." (Grin)

Dave

Date: Mon, 5 Jun 2000 21:54:39 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [71979] ELMER: 10 minute propagation report lesson
Message-ID: <050001bf5a\$2ebce1c0\$010044c0@Conor.baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, I can't seem to do anything in the SS, so maybe I'll be a little less frustrated if I type instead! Several folks have asked about the propagation reports, so let's do a real quick and dirty look.

Let's take a quick peek at the nice, concise report at the top of qrz.com. Right now it says:

Solar Rpt: WWV SFI=171, A= 21, K= 3, MOD/HIGH; UNSET/ACTIVE

That's pretty much all the important stuff.

Let's focus in on the first bit, SFI=171. That's the Solar Flux Index. Up until a couple of years ago, it pretty much stayed below 100. Now if it's under 200 it's too low! Higher numbers make the MUF go up. A number like 171 means that 20 will stay open well past sunset, but 10 will be open only for a short time, if at all. When it gets around 200, 10 will be open all day and into the evening. Under 100 and 20 will only be good in the middle of the day.

Next are the A and K indices, which pretty much say the same thing. These represent the absorption. A K index of 3 is pretty darned high. Not unuseable for QRP but darn near. You would like the K index to be around 1 and the A index under 5 or so.

The final part that's interesting is the last bit - UNSET/ACTIVE. This is the geomagnetic field, which equates to noise. Unsettled is getting annoying, active is pretty bad. If it gets to be "Storm", might as well

shut the radio off. You would like "Quiet" there!

Now the QRZ report doesn't tell you the MUF which is an awfully interesting piece of data. But the MUF map at <http://www.spacew.com/www/realtime.html> is just the ticket.

Looking at this map, you are interested in places 1500km from your QTH. The lines on the map are the MUF contours (in MHz). MUF is a little weird. Let's say that you are interested in making contacts to the east, and 1500km east is a 15MHz line. What that means is that you SHOULD be able to make a 3000km contact in that direction at 15MHz. However, you will not be able to make a SHORTER contact at 15MHz. At above 15MHz, you will only be able to make line of sight contacts - essentially, everything above the MUF is VHF for propagation purposes. At successively lower frequencies, you will be able to make shorter contacts. Experience will tell you just how much shorter.

But there's a dark side. At lower frequencies, the noise increases. That "unsettled" bit is more and more significant as you get further below the MUF. In addition, you can "see" more area. Let's say that with that 15MHz MUF you can hear stations as close as 1500km on 40. That means that you will hear QRM, electrical noise, thunderstorms, etc. from 1500 to 3000 km from your QTH. By the time you get down to 80 meters where you can probably see straight up, everything within 3000 km of your station is interfering with that one you want to hear. To add insult to injury, that absorption is also more effective as you go down in frequency, so you need more power to make the same trip.

This is why the DX is so good on 10 meters when the band is open. The MUF is rarely much above 30 MHz, so the absorption and noise are low, and the skip is so long all you hear are the DX stations.

These numbers go in a couple of cycles. We are all aware of the 11 year cycle - we're at the good part of that now. There is also a solar rotation. Every 26 days or so (maybe it's less - I'm not so sure on that) the sun rotates, and with it the solar flux (good) and the sunspots (bad). The sunspots are only "good" in that they are a harbinger of a high flux. They spit out all sorts of junk, and when that junk hits the earth, that geomagnetic field gets bad and the A index goes up. Fortunately, it's only every so often that one ends up aimed at the earth. When we get a really good whallop, HF blacks out and we in the north get nice auroras. Time to turn on the amp and work 6 meters!

Obviously, this is all greatly simplified, and it helps to be tempered with a good dose of experience, but I hope this will help some folks with the propagation numbers.

didileydadidah QRP-L #1446 Code Warriors #35

Date: Mon, 05 Jun 2000 22:21:22 -0400
From: "John W. Reynolds" <jwr@nettally.com>
To: qrp-l@Lehigh.EDU
Subject: [71980] Only slightly OT: space storms
Message-ID: <393C6022.7220@nettally.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

NASA Science News wrote:

>
> NASA Science News for June 5, 2000
>
> NASA's IMAGE mission, a unique satellite dedicated to the
> study of space storms, has returned its first pictures of
> electrified gas surrounding our planet. Using antennas as
> large as the Empire State Building, IMAGE is taking
> an unprecedented look at Earth's magnetic environment and
> its response to fierce gusts of solar wind.
>
> FULL STORY at
>
> [http:
//spacescience.com/headlines/y2000/ast05jun_1m.htm?list](http://spacescience.com/headlines/y2000/ast05jun_1m.htm?list)
> --
> You are subscribed to Science.NASA.gov NASA Science News mailing list
> with the address jwr@NETTALLY.COM.
>
> This is a free service.

Date: Mon, 5 Jun 2000 22:25:51 -0400
From: "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
To: <qrp-L@LeHigh.edu>
Subject: [71981] RV: Help request with Kenwood rig
Message-ID: <00fc01bfcf5e\$893e4c20\$04000a0a@user>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-

Hi all...

YES, this one operates at 5 watts power level...

but it is also capable of running 25 watts of FM

MODEL TR-7800 , and three cuban hams have them and we can't fix them.

These are older FM radios of course, and the three of them have what seems to be

the same problem... THE DISPLAY DOES NOT SHOW ANYTHING !!!

There is RX audio, squelch works too, and when you press the TX switch , you see

the red light go on, but no transmission.

Any help will be most appreciated as these are very valuable rigs for the just started

hurricane season.

Please reply directly to:

inforhc@ip.etecca.cu

Sorry for the bandwidth, but QRP-L has proven to be a great resource for helping

to fix broken down radios !!!

YOur friend in Havana

Arnie Coro

C02KK

(C02XM, C02AA and myself C02KK will be very grateful for any help provided in fixing these three TR2800's)

Date: Mon, 5 Jun 2000 22:27:18 -0400

From: "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecca.cu>

To: <qrp-L@LeHigh.edu>

Subject: [71982] RV: C08LY's QRP rig QRT

Message-ID: <010101bf5cf5e\$bf189d00\$04000a0a@user>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

C08LY's QRP rig, an Index Labs transceiver is now QRT.

Lightnning obvious cause of damage, according to his description to me via

SSB on 40 meters

Sunday.

Eduardo asked me to find out with QRP-L about possible damage seen in similar cases

This was not a direct hit, rig was not burned ,charred etc, and it does seem to receive OK on all bands.

IRF-510 output FET was damaged, he obtained another IRF-510 and installed it, only to see it go up in smoke !!!

I told C08LY that he may have damaged components in the output bandpass filters

Any help will be most appreciated, as C08LY is now quite caught with the QRP bug , after he worked a certain gentleman in Arkansas on 12 meters and... well, QRP-L members should know ... THE REST OF THE STORY !!!

E-mail any suggestions , ideas , comments to
inforhc@ip.etecca.cu

In the meantime I am sending Eduardo a PC board of my 3 + 3 QRP rig, and as many parts as possible

for him to assemble one ... so that he may be on the air QRP on at least one band while the Index Labs QRP + rig is repaired...

My 3 + 3 QRP is a very simple transmitter ... 3 transistors for the VFO and 3

transistors

for the RF amp. chain... everything low cost, mostly recycled components etc... but that's another story)

72 and DX

YOur friend in Havana

Arnie Coro

C02KK

Date: Mon, 5 Jun 2000 20:38:37 -0600 (MDT)

From: "Paul Harden, NA5N" <na5n@rt66.com>

To: "John J. McDonough" <wb8rcr@arrl.net>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [71983] Re: ELMER: 10 minute propagation report lesson

Message-ID: <Pine.SUN.4.10.10006052032410.10964-1000000@shell.rt66.com>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 5 Jun 2000, John J. McDonough wrote:

> Solar Rpt: WWV SFI=171, A= 21, K= 3, MOD/HIGH; UNSET/ACTIVE
>
> Let's focus in on the first bit, SFI=171. That's the Solar Flux Index. Up
> until a couple of years ago, it pretty much stayed below 100. Now if it's
> under 200 it's too low! Higher numbers make the MUF go up.
<snip>
> Next are the A and K indices, which pretty much say the same thing.
<snip>
> 72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>

John,

Very nice, concise description of propagation and what the "numbers" mean. Gang - if you didn't read John's original post, go back and read it. Some good info and a short tutorial on propagation worth keeping.

72, Paul NA5N

Date: Mon, 5 Jun 2000 19:45:30 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: "Kevin F. Glynn" <kfglynn@mindspring.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [71984] Re: YES, WAS QRP!
Message-ID: <Pine.GS0.4.10.10006051942590.6850-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 5 Jun 2000, Kevin F. Glynn wrote:

> Thanks to Dean KH6B I've now worked WAS QRP!

Congratulations!!

>
> Joe KI3B from DE and Ron KU7Y from NV helped with needed states as well in
> the past. Thanks guys!

More than happy to help. And while I don't have that great antenna any longer, I'm still here for anyone who might still need NV.

If you still need a card from me and have not recieved one in return for yours, let me know. It's very possable for some cards to still be "in a box" somewhere due to the move!

cul,

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....
....Visit my Home Page.....<http://www.qsl.net/ku7y/>....

Date: Mon, 5 Jun 2000 21:12:27 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Subject: [71985] Bands pretty cruddy!
Message-ID: <Pine.SUN.4.10.10006052101070.10964-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

As several have noted, the bands kinda stink right now. We were hit earlier today with the shock wave from a CME, which raised the K index to 5 for minor storm conditions, and receiving streams of particles from a coronal hole, which is keeping our geomagnetic field in an unsettled and active state for high noise levels on the lower HF bands. Todays estimated A-index is around 25, or minor storm levels. This will be subsiding later tonight and in to tomorrow. Another CME shock wave is headed our way which could upset things again late wednesday for awhile.

We are coming out of the 28-day solar minimum, meaning the solar flux will be increasing towards or exceeding 200 over the next week. This means favorably high solar flux over the next two weeks. Todays solar flux was 171 after a low of 146 on May 30th. So things are looking up.

The only caution is a very active solar region (region #9206) right now that has produced several M-class flares (one a M.7) and capable of further M-class and even an X-class flare over the next few days. It is also rotating towards the center of the sun, which means if it produces a major flare over the next few days, it will be nearly a direct hit on the earth for possible severe storm conditions/HF blackouts. But as usual, these active solar regions can also fizzle out as well. If a biggie flare occurs, I will certainly post it to QRP-L. Frankly, I'm kinda rooting for say a X.5 thursday or friday. It would make for some

nice aurora's for us in the south, maybe even for our friends in Cuba, who haven't seen an aurora since 1964 or something. Hey ... it's cheap entertainment! Besides, you might catch a satellite or two as they crash into the earth :-)

72, Paul NA5N

Date: Mon, 5 Jun 2000 21:21:51 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Subject: [71986] [PROP] For Field Day
Message-ID: <Pine.SUN.4.10.10006052112400.10964-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

I'm proud of some of you for reading and learning from the solar info I post. I've been harping on how the solar flux goes from minimum to maximum about every 28-days (the solar rotation) and a bunch of you are getting it. I got a bunch of email from my last solar post, where many of you figured out that the next MINIMUM solar flux will probably occur around Field Day. Right on! A+ on your homework assignments.

It does appear field day will occur around the solar flux minimum, with a flux around 150. This is about what it takes to see 10M open. It means the E and F layers will not be as ionized (reflective) as they are with a flux of 200. So your QRP signals will have to work a bit harder and not go as far.

So one suggestion is ANTENNAS, ANTENNAS, ANTENNAS. If you are planning a QRP FD, then by all means, spend the next couple of weeks building up a good antenna of your choice. A good tuned multiband antenna or a couple of tuned single band antennas to get the maximum amount of power into the air (that's "ether" for our British readers!). This should be the year to spend some effort on antennas to make up for the slushy solar flux. And for the antenna(s) you choose on, understand where the maximum radiation direction will occur so you can position it to that part of the country for maximum QSO yield.

Just a suggestion.

72, Paul NA5N

Date: Mon, 5 Jun 2000 23:21:49 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [71987] K0EVZ Sprint 6/6/2000
Message-ID: <200006052323_MC2-A794-F77F@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
 charset=us-ascii
Content-Disposition: inline

Gang:

Well thanks very much to all who dropped by during the Sprint tonight, and gotta say it--it was a BLAST :-). Never had had more fun during a Sprint. Finally got underway at 0141Z.

Made 32 QSOs on 20 Metres (18 SPC's), and 12 (11 SPC's) on 40 Metres. Sorry to all I could not dig out. QSB was sometimes rough. A true highligh was Dean KH6B at 0228Z. Thanks, Dean, for hanging in there. Guess I just couldn't believe what I was hearing <VBG>.

Setup was the K2 @ 5 watts into the TNT/2 or [new] G5RV at 50' on 20 Metres, and to the 540' horizontal loop on 40 Metres. There was quite a bit of QRN on both bands, but the majority of the signals tonight were VERY readable and solid copy. Don't know the weight, but the K2 is fully loaded and has the builtin battery, so it is not a featherweight any longer.

Here's a plug for next month: don't miss the Spartan Sprint (which is the first Monday evening every month). You will have a blast and get a chance to sharpen up your CW skills. Hope to see you then.

72/73,
--W.D. (Doc) Lindsey
DSBF
PO Box 6028
Bismarck, ND 58506
(Shipping = DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)
E-Mail = K0EVZ@arrl.net

Date: Mon, 5 Jun 2000 20:29:49 -0700 (PDT)

From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio <qrp-1@Lehigh.EDU>
Subject: [71988] OT: Cellular Phone info needed
Message-ID: <Pine.GS0.4.10.10006052023010.6850-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Please excuse the BW but I am in need of some help and here is where all the expertise is!

I am trying to understand how the "OneRate" cellular plans really work.

For example, the folks at Verizon wireless say that you can call from anyplace in the USA without any roaming or long distance charges. They say if you can "hit" a cell site with your phone, you can use it.

On the other hand AT&T says you can only get free roaming and long distance when connected to either a AT&T site or a carrier that have a roaming agreement with.

Who is right?

How can I get the best coverage in the western half of the nation? It NEED the free roaming/long distance.

Also, I understand that there is digital and analog phones and systems. But I've been told that there are AM, FM and digital.....

Thanks for any help,

(For info, the phone can be based out of either Boise, ID or Reno, NV).

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....
....Visit my Home Page.....<http://www.qsl.net/ku7y/>....

Date: Mon, 5 Jun 2000 21:04:03 -0700 (PDT)
From: Steve Yates <aa5tb@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [71989] Re: [PROP] For Field Day
Message-ID: <20000606040403.29340.qmail@web3001.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Thanks for your Field Day forecast Paul!

I just want to remind everyone that Field Day does occur in the middle of Sporadic-E season meaning that even with poor solar activity the upper bands could open up wide with strong interstate communications, so don't decide to stay indoors yet :-). In fact, from here in North Texas without some Sporadic-E we could only work the east and west coast stations on 10m (if it is open at all and disregarding exotic modes).

Then again there could be absolutely no Sporadic-E propagation. I guess that is why they call it "sporadic".

By the way, 6m is always a good band for beginning class hams to get their feet wet on during Field Day if there is good Sporadic-E propagation.

=====

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://www.geocities.com/aa5tb>
aa5tb@arrl.net

Do You Yahoo!?
Yahoo! Photos -- now, 100 FREE prints!
<http://photos.yahoo.com>

Date: Mon, 5 Jun 2000 23:16:09 -0500
From: "Don Wines" <dwines@tyler.net>
To: "QRP-L LIST" <qrp-l@lehigh.edu>, "MJF CUB QRP" <qrpcub@listbot.com>
Subject: [71990] FS: MFJ QRP Cubs 40m & 15m
Message-ID: <005901bfcf6d\$f254eca0\$019086d0@oemcomputer>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have the MFJ 9340K (40 meter) and 9315K (15 meter) QRP rigs for sale. I bought these through the ARCI mass purchase for \$90 apiece and built both before the Elecraft K1 was announced. I have now ordered a K1 and need to clear a spot in the shack and HR budget! The only mods done to either rig are the addition of the optional BNC connectors (which I don't really consider a mod since the holes were already there). The 40 mtr rig puts out about 1.5 watts and the 15 mtr rig about 1 watt and cover the bottom 60kHz of each band. They are pretty nice little rigs and very compact.

You can download the specs (.pdf) from MFJ's web site:
<http://www.mfjenterprises/new/cub.pdf> .

I'll sell each rig for \$95 or both for \$180 shipped CONUS. I'll be glad to answer any questions about the rigs. Includes all manuals and DC power leads.

Please reply off-list.

72/73
Don, K5DW
k5dw@arrl.net

Date: Tue, 6 Jun 2000 00:52:33 EDT
From: TheoWAn9sel@aol.com
To: qrp-l@lehigh.edu
Subject: [71991] New Altoid Mint Box
Message-ID: <13.633e048.266ddd91@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

HI Gang,
Just got back from shopping and Jewel Food has
Altoid boxes about the size of a Zippo lighter, maybe
thinner. For a limited time only.
Maybe for a SM project

73

de Ted N9SEL

Date: Tue, 06 Jun 2000 01:55:39 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-l@Lehigh.EDU>
Subject: [71992] WTB: Tek Scope Plug in Module.
Message-ID: <3.0.32.20000606015535.0068589c@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Dear Gang,
I'm looking for a Tektronix 5L4N audio spectrum analyzer module.
Any leads would be much appreciated.
73 Pete NV4V
Just South of Nonesuch.Ky and N.E. of Gravel Switch :-)

Date: Tue, 6 Jun 2000 02:03:59 -0400 (EDT)
From: Joel Malman <malman@world.std.com>
To: qrp-l@Lehigh.EDU
Cc: k1qm@world.std.com
Subject: [71993] [TEST] Sprint
Message-ID: <200006060604.CAA14347@world.std.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Folks, the Sprint was tonight.. And I had 31 Q's. A lot of fun.

But PLEASE don't call CQ SS. SS is something a lot people never want to hear (on the air or otherwise). CQ SP is wonderful. PSE call CQ SP and never use the letters SS on the air. Thank you very much.

Good Evening, and 72.

--
/joel K1QM (k1 queen mary), Concord, MA.
QRP-L #337, QRP-ARCI #9305, MI-QRP #1641

Date: Mon, 05 Jun 2000 23:14:23 -0700
From: Jim/Julia <w7ls@blarg.net>
To: malman@world.std.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [71994] Re: [TEST] Sprint
Message-ID: <393C96BF.A302DCCA@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

As an aside,

CQ SS would have meant something entirely different in 1942 Europe.
Jim W7LS

Joel Malman wrote:

> Folks, the Sprint was tonight.. And I had 31 Q's. A lot of fun.
>
> But PLEASE don't call CQ SS. SS is something a lot people never
> want to hear (on the air or otherwise). CQ SP is wonderful. PSE
> call CQ SP and never use the letters SS on the air. Thank you
> very much.
>
> Good Evening, and 72.

Date: Tue, 06 Jun 2000 17:11:33 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [71995] Speed of Light
Message-ID: <393CA425.BF76DD49@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dr Lijun Wang, of the NEC research institute in Princeton, appears to have broken the speed of light. It seems he accelerated a light pulse 300 times faster than the normal speed of 186,000 miles a second.

Details are sketchy because his research is with the journal Nature for review, but the London Times says it involved sending the light through a chamber filled with caesium gas. Before the pulse had fully entered the chamber it had whizzed right through and travelled 60 feet across the lab.

The research is causing controversy - some suggest it may be an effect of quantum physics, rather than evidence we have to change fundamental "laws". But its implications are mind boggling.

See http://www.foxnews.com/science/060500/times_speed.sml

72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14' S 151o:34' E
My FREE Newsletter:- <mailto:vk2tip@qsl.net?Subject=Subscribe>
VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 "duh?"
URL - <http://www.integritynet.com.au/~purdic/>

Date: Tue, 6 Jun 2000 03:53:16 -0400 (EDT)
From: Joel Malman <malman@world.std.com>
To: ianpurdie@integritynet.com.au
Cc: k1qm@world.std.com, qrp-l@Lehigh.EDU
Subject: [71996] Re: Speed of Light
Message-ID: <200006060753.DAA17916@world.std.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ian,

Interesting.... But a question I have been wanting to ask for years...

The speed of light is always referenced as "light speed in a vacuum".

I never understood that. How can light be in a vacuum. If there are light particles (photons) in the "Vacuum", then it's not a vacuum.

.. joel (queen mary)

--
/joel K1QM (k1 queen mary), Concord, MA.
QRP-L #337, QRP-ARCI #9305, MI-QRP #1641

Date: Tue, 6 Jun 2000 06:04:46 -0400
From: "w8diz" <w8diz@cinci.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [71997] Re: Sources for LCD displays

Message-ID: <003801bfcf9e\$a513bda0\$1461a518@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hey all,

Per Laura's suggestion, here is the PDF document on the 44780 LCD controller...

<http://semiconductor.hitachi.com/products/pdf/99rtd006d2.pdf>

----- Original Message -----

From: "laura halliday" <marsgal42@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, June 05, 2000 8:15 PM
Subject: Re: Sources for LCD displays

> While you will pay a premium for new ones (e.g. Digi-Key),
> there is something to be said for a first-quality display -
> you know where it came from, and you know that it will work.
> If you plan to do a lot of this sort of stuff, buying one
> good one for testing can save a lot of torn-out hair. :-)
>
> The definitive source for programming information, by the
> way, is the data sheet for the 44780 LCD controller chip.
> Do a search on Hitachi's web site.
>
> Laura Halliday VA3LDH/7 "Que les nuages soient notre
> Grid: CN89mg pied a terre..."
> - Hospital/Shafte
>
>
> -----
> Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>
>

Date: Tue, 06 Jun 2000 03:25:20 PDT
From: "Alan Fryer" <n3bj@hotmail.com>
To: qrp-l@lehigh.edu
Cc: forsale-swap@qth.net
Subject: [71998] FS: SST-40 w/KC-1
Message-ID: <20000606102520.93437.qmail@hotmail.com>
Mime-Version: 1.0

Content-Type: text/plain; format=flowed

For Sale:

Wilderness SST-40 with varactor switching on front panel and KC-1 mounted in top cover, both per the manual. Works great, gets 2+ watts out, covers 7033 to 7044 kHz. Nicely done, sweet rig, with all docs.

\$105 shipped

Alan, N3BJ
Bent Mountain, VA

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

Date: Tue, 06 Jun 2000 06:37:34 -0400
From: Michael Bower <bowerm@ix.netcom.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [71999] Re: New Altoid Mint Box
Message-ID: <393CD46D.5A2FFDC6@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Any idea if this is a re-issue of the baby Altoids of a while back or a totally different one? The previous one was the same shape and structure of a regular Altoids but on a severe diet.

Michael N4NMR

TheoWAn9sel@aol.com wrote:

> HI Gang,
> Just got back from shopping and Jewel Food has
> Altoid boxes about the size of a Zippo lighter, maybe
> thinner. For a limited time only.
> Maybe for a SM project
> 73
> de Ted N9SEL

Date: Tue, 06 Jun 2000 11:07:25 GMT
From: N3BJ <N3BJ@hotmail.com>

To: qrp-1@lehigh.edu
Subject: [72000] FS: Drake SW-2 Receiver
Message-ID: <200006061107.GAA13330@x64.deja.com>

For Sale: Drake SW-2 receiver. Purchased new in May 1999, as new, in original box with original documentation. Great receiver with synchronous AM detector, keypad freq. entry, memories, good AM and SSB filters, etc. Best bang for the buck in SWL radios.

\$290 shipped

Alan, N3BJ
Bent Mountain, VA

Date: Tue, 6 Jun 2000 07:18:21 -0500
From: "Don Wines" <dwines@tyler.net>
To: "QRP-L LIST" <qrp-1@lehigh.edu>, "MJF CUB QRP" <qrpcub@listbot.com>
Subject: [72001] Re: FS: MFJ QRP Cubs 40m & 15m (40m SOLD)
Message-ID: <000d01bfcfb1\$4f0434e0\$f49086d0@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The 40 meter Cub is already gone, but the 15 meter is still available!!

Don
----- Original

Message -----
From: Don Wines <dwines@tyler.net>
To: QRP-L LIST <qrp-1@lehigh.edu>; MJF CUB QRP <qrpcub@listbot.com>
Sent: Monday, June 05, 2000 11:16 PM
Subject: [qrpcub] FS: MFJ QRP Cubs 40m & 15m

> MFJ Cub Users Group - <http://www.qrparci.org/cub.html>
>
> I have the MFJ 9340K (40 meter) and 9315K (15 meter) QRP rigs for sale. I
> bought these through the ARCI mass purchase for \$90 apiece and built both
> before the Elecraft K1 was announced. I have now ordered a K1 and need to
> clear a spot in the shack and HR budget! The only mods done to either rig
> are the addition of the optional BNC connectors (which I don't really
> consider a mod since the holes were already there). The 40 mtr rig puts
> out
> about 1.5 watts and the 15 mtr rig about 1 watt and cover the bottom 60kHz

> of each band. They are pretty nice little rigs and very compact.
>
> You can download the specs (.pdf) from MFJ's web site:
> <http://www.mfjenterprises/new/cub.pdf> .
>
> I'll sell each rig for \$95 or both for \$180 shipped CONUS. I'll be glad to
> answer any questions about the rigs. Includes all manuals and DC power
> leads.
>
> Please reply off-list.
>
> 72/73
> Don, K5DW
> k5dw@arrl.net
>
>
> -----
> To unsubscribe, write to qrpcub-unsubscribe@listbot.com
> -----
> Start Your Own FREE Email List at <http://www.listbot.com>
>

Date: Tue, 6 Jun 2000 08:27:03 EDT
From: Wb8siw@aol.com
To: ka9nzi@arrl.net, qrp-1@lehigh.edu
Subject: [72002] Re: Alaskan QRP
Message-ID: <4c.668096d.266e4817@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 06/05/2000 2:22:06 PM Eastern Daylight Time,
ka9nzi@arrl.net writes:

<< But does anyone know of a regular CW (or RTTY) net of
Alaskan ops? >>

Hi Gary:

The ARRL Net Directory lists the following CW Net for Alaska:

Alaska Bush Net 7087 kHz Daily 800 PM.

There are also a number of radiotelephone nets, so let me know if you are
interested in that information.

Another alternative might be to monitor the 7th Region Net (NTS). This net should have liaison from AK, Yukon, BC, AB, WA, OR, etc. This is a "closed net," the purpose of which is to exchange NTS message traffic throughout the 7th Region and to provide liaison to the Pacific Area Net. However, you may want give a call to the Alaska Rep (if one checks in) after the net.

The 7RN meets on 3560 (primary), 7048 (alternate) daily at 7:45 PM and 9:30 PM Pacific Time. You will typically hear the stations identify their "Section" (same as their "State" in most cases") upon checking in. A typical QNI might be:

"de KL7QRP AK QTC WA 1, OR 2, PAN 1, EAN 2"

By the way, for those interested in public service or chasing WAS, the ARRL Net Directory can be a useful investment. It costs four bucks and is available from ARRL HQ at 225 Main Street, Newington, CT. 06111. I have also ordered them in quantity for training classes simply by ringing their 800 number and using a credit card to pay.

73, Jim WB8SIW
FN

P.S. I also talk to Fairbanks, AK on a Morse wire each Saturday. I think the gent's a ham. I'll ask him if he has any other ideas.

Date: Tue, 06 Jun 2000 08:32:38 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [72003] Re: Bands pretty cruddy!
Message-ID: <001601bfcb3\$518fd6e0\$2d0a05cc@rochester.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

> Frankly, I'm
> kinda rooting for say a X.5 thursday or friday. It would make for some
> nice aurora's for us in the south, maybe even for our friends in Cuba,
> who haven't seen an aurora since 1964 or something. Hey ... it's cheap
> entertainment! Besides, you might catch a satellite or two as they
> crash into the earth :-)

Paul,

Gee, talk about making lemonade! (grin)

If anybody is so disgusted with band conditions that they want to go aurora hunting, check this out:

<http://casa.colorado.edu/~rachford/aurora/lavahome.html> - Brian Rachford issues periodic e-mail alerts when conditions are favorable for visible aurora in the upper-middle United States. Following the "LAVA Status" link shows the current alert status. Other links lead to info on how his predictions are made. Pretty interesting for the novice aurora chaser.

Also, John McDonough <wb8rcr@arrl.net> recently mentioned the real-time MUF map. The site that carries that also has some interesting aurora information, including maps and satellite imagery, at:
<http://www.spacew.com/www/aurora.html>

There's a link to the MUF map from this page as well.

Dave - still looking north!

Date: Tue, 06 Jun 2000 07:52:26 -0500
From: Dan Copeland <kf0ov@alltel.net>
To: prvalko@oakland.edu, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [72004] Re: REPOST : QRP-L FOXHUNT RESULTS w/ WS4S score!
Message-ID: <4.3.2.7.2.20000606075153.00b1b250@mail.alltel.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

OK,

I am confused! I worked all but one fox. N0EA and W0CH worked them all!! I am not on the list and N0EA scored 11 and W0CH scored 25. I guess I don't understand the new math!!

Could someone explain it to me? From what I see we need to send the plaques back for the team scores because Tesla's Terrors didn't make a showing.

Dan

At 01:04 AM 5/15/99 -0400, Paul R. Valko wrote:

>Incredibly, FOX WS4S' score was left off the previous post and the
>website's PDF file. All corrected now.

>

>Please click on <<http://www.oakland.edu/~prvalko>> to get the web-version
>of this information. It's MUCH nicer. Make sure your browser is using
>small fonts, 800x600 resolution looks much nicer. There is a link to get
>the Adobe Acrobat reader, if you do not have one already.

>

>Don't ever try to do this stuff and go to Dayton at the same time!

>

>;-)

>

>Best 73! - From Dayton and the Daze Inn!

>=paul= W8KC Collector of Ten*Tecs and other fine plastics

>

>This link should take you there...

><<http://www.acs.oakland.edu/~prvalko/foxhunt.htm>>

>

>

>First, the Foxii:

>

>Fox	Score
>KU7Y	189
>N1FN	188
>N0UR	180
>K1MG	168
>K5ZTY	164
>AB5UA	145
>WQ8RP	143
>WA8GHZ	136
>VE7CQK	134
>K0EVZ	124
>AB0GO	118
>K8CV	117
>WS4S	117
>N2SMH	115
>W8RU	110
>N7CQR	105
>W5TFB	84
>N2TO	80
>KB9BVN	46
>W8RO	41

>KV2X	39
>K5F0	34

>

>Now the hounds...

>

>HOUND	SCORE
>NQ7X	39
>N1TP	38
>N0AR	36
>KU7Y	35
>VE5RC	35
>N1FN	34
>K0EVZ	33
>K5ZTY	33
>N4R0A	33
>AK7Y	32
>K1MG	32
>KK5LD	32
>K2VCO	31
>N5TW	30
>W5SB	28
>WE6W	28
>KI0II	27
>KQ5U	27
>K8CV	26
>W5HNS	26
>AA5TA	25
>AF5Z	25
>AI4CW	25
>W0CH	25
>AB5UA	24
>K5LN	24
>KI7MN	24
>VE3JC	24
>VE6EWM	24
>K5OI	23
>VE2KN	23
>AB7CE	22
>WS8D	22
>AB5WX	21
>K10J	21
>K5JHP	21
>K7TQ	21
>N0UR	21
>AB7MY	20
>N5LU	20
>KS4L	19
>N5JI	19

>W8SFF	19
>WD8KQY	19
>WS4S	19
>AB0GO	18
>AB8DF	18
>KC1FB	18
>KF4KSM	18
>W0RSP	18
>W4VCT	18
>KB0PTE	17
>KG2LO	17
>N3YSI	17
>WJ7H	17
>K1QM	16
>K5ON	16
>K5UP	16
>KA4BMK	16
>N9DD	16
>W2XN	16
>AC5II	15
>AE2T	15
>KK5WL	15
>N2ZHY	15
>N8VAR	15
>W5TB	15
>WA9PWP	15
>KA5T	14
>W5JAY	14
>KF2PH	13
>N6WG	13
>NA1XX	12
>VE7CQK	12
>W0RW	12
>W5YR	12
>K2SJB	11
>KB9IUA	11
>N0EA	11
>WW7Y	11
>AB7TT	10
>KA8OKH	10
>N7MFB	10
>VE3ELA	10
>W2UX	10
>W9UQB	10
>K4IMA	9
>K6VNX	9
>N0RN	9
>N2LO	9

>N2T0	9
>N5JKY	9
>N5WL	9
>W5TFB	9
>AB0CD	8
>AK1P	8
>KB7WW	8
>KD5CMN	8
>KF4AR	8
>NU4N	8
>VE6NJK	8
>W6SIY	8
>W8RU	8
>K8DD	7
>KC5T	7
>KQ0I	7
>KU4AF	7
>N2WF	7
>N4XDW	7
>N6VZ	7
>N8IE	7
>WA8RXI	7
>WB8RCR	7
>W00Q	7
>AJ4Y	6
>K1CL	6
>K4JPN	6
>KB7MBI	6
>N0TU	6
>N7GS	6
>NA3V	6
>VE3FAL	6
>W5FN	6
>W7AQK	6
>W8KC	6
>WA8GHZ	6
>WB9HFK	6
>K0Y0	5
>K4BYF	5
>K5AAR	5
>KK7GG	5
>N4KZ	5
>N7CQR	5
>N7XJW	5
>N8VZU	5
>NF0R	5
>VE3SP	5
>W2PFS	5

>WA5WHN	5
>WB9LKC	5
>AA0ZZ	4
>AE4IC	4
>K5GQ/M	4
>K5UBS	4
>K8ZN	4
>KB0YTK	4
>KD7AEE	4
>KG4ADU	4
>KI0AF	4
>KI0G	4
>KI0KY	4
>KL7IXI	4
>N2SMH	4
>N7XJ	4
>N9KW	4
>NM5M	4
>NZ4E	4
>W0JOE	4
>W1GL	4
>W2IV	4
>W2SCF	4
>W5TA	4
>WB5QYT	4
>WJ1R	4
>WN6HYX	4
>WW5XX	4
>AE4Y	3
>AL0A	3
>K5NZ	3
>K5PSH	3
>K8IQY	3
>KA1AXY	3
>KA3WMJ	3
>KB0ROL	3
>KE6ZX	3
>KF6CTA	3
>KG7PV	3
>N1QQV	3
>N2CQ	3
>N4JS	3
>NC7X	3
>NK6A	3
>W3PNL	3
>W5USJ	3
>W5XE	3
>W8RO	3

>WD4DSX	3
>WZ2T	3
>AA6R	2
>AA9L	2
>AC6AN	2
>K2REB	2
>K2VT	2
>K4AVX	2
>K5ID	2
>K5JSP	2
>K6LS	2
>K7GT	2
>KA1DDB	2
>KA4BM	2
>KB2VMO	2
>KB9IOT/M	2
>KC0EGC	2
>KD2KW	2
>KD6VIO	2
>KF4KS	2
>KG0PP	2
>KJ3V	2
>KK6MC	2
>KK6MC/5	2
>KS4HQ	2
>N0TU/M	2
>N10DL	2
>N2BRT	2
>N2CX	2
>N2VPK	2
>N3XRV	2
>N4UY	2
>N5ON	2
>N6MM	2
>N6XU	2
>NW7DX	2
>NY3M	2
>VE6EW	2
>W0AV	2
>W0AW	2
>W0HEP	2
>W0PFR	2
>W4DEC	2
>W4IM	2
>W4PJ	2
>W7UQ	2
>WA6NAE	2
>WA9WFA	2

>WF4I	2
>WQ8RP	2
>AA1MY	1
>AA2PF	1
>AA5TX	1
>AB5PC	1
>AB7DU	1
>AB7QK	1
>AB7ST	1
>AB7VI	1
>AC4HF	1
>AC5K	1
>AE30U	1
>AE4CW	1
>AE4VQ	1
>AI4Y	1
>AK7Q	1
>AL7FS	1
>CG5VA	1
>K0EA	1
>K0EU	1
>K0HH	1
>K0JI	1
>K10G	1
>K1TMW	1
>K1XS	1
>K2EL	1
>K20DC	1
>K2SF	1
>K2VL	1
>K2VS	1
>K3AS	1
>K3B0B	1
>K4PYM	1
>K4ZM	1
>K50I/M	1
>K5EYE	1
>K5F0	1
>K5GTY	1
>K5LD	1
>K5NZ/XA5	1
>K50I/M	1
>K50T	1
>K5RN	1
>K5UX	1
>K5VBS	1
>K5VUU	1
>K6DW	1

>K6DXU	1
>K7MPH	1
>K8NWD	1
>KA1AKC	1
>KA2RQY	1
>KA3K	1
>KA3WM	1
>KA4JMZ	1
>KA5BMK	1
>KA50VS	1
>KB0YT	1
>KB2LO	1
>KB2PQY	1
>KB5W	1
>KB8WMW	1
>KB9II	1
>KC0CDH	1
>KC0EHH	1
>KC5LD	1
>KD5AIJ	1
>KD5CM	1
>KD5KMN	1
>KE4BMK	1
>KE6DKH	1
>KF4KHM	1
>KF4KM	1
>KG0MZ	1
>KJ5X	1
>KJ7LO	1
>KK3T	1
>KK4LN	1
>KK5LED	1
>KK5NA	1
>KM6SE	1
>KN5G	1
>KS4S	1
>KS4V	1
>KT4PM	1
>KU4UX	1
>N0DSP	1
>N0OCT	1
>N1GJU	1
>N1HCL	1
>N1OCJ	1
>N2APH	1
>N2IX	1
>N2JJ	1
>N2LY	1

>N3JK	1
>N3KFL	1
>N3WSI	1
>N4EUK	1
>N4VV	1
>N5JUW	1
>N5LB	1
>N5WAI	1
>N5WI	1
>N6NU	1
>N6WA	1
>N7CTJ	1
>N7KT	1
>N7RR	1
>N7VAR	1
>N7VE	1
>N8CQA	1
>N8KW	1
>N8RO	1
>N9IEP	1
>NC7J	1
>NC7W	1
>NR3Z	1
>NS4L	1
>NU4AN	1
>NZ8J	1
>VA3JFF	1
>VE1CC	1
>VE3FUL	1
>VE3LOH	1
>VE3VA	1
>VE5DC	1
>VE5RK	1
>VE5VA	1
>VE6BIR/7	1
>VE6XT	1
>VE7CQ	1
>VE7DSN	1
>W0CQC	1
>W0KUC	1
>W0YSE	1
>W1EAT	1
>W2BJ	1
>W2RG	1
>W2SZR	1
>W3KC	1
>W3NPL	1
>W3NR	1

>W4JPK	1
>W4SB	1
>W4VC	1
>W4VCA	1
>W5SB/XA5	1
>W5TBT	1
>W5TD	1
>W5UP	1
>W6ARK	1
>W6RA	1
>W7SSM	1
>W9ME	1
>W9MT	1
>WA1LIR	1
>WA1SCH	1
>WA6GER	1
>WA6OT	1
>WA8GHD	1
>WA8GHZ/5	1
>WA8MCQ	1
>WA8MNE	1
>WA8ZB	1
>WA9PW	1
>WA9QCF	1
>WB5QTY	1
>WB6MFS	1
>WB8E	1
>WB8JMB/8	1
>WB9LK	1
>WD4MS	1
>WD8KQ	1
>WE6WE	1
>WJ2V	1
>WN6HY	1
>WQ3E	1
>WV3J	1
>WV3J	1
>XE2FU	1

>

>See you all in October!!!

>

>73! =paul= W8KC

>Collector of Ten*Tecs and other fine plastics

Dan Copeland N0DT

n0dt@alltel.net

Date: Tue, 6 Jun 2000 07:51:33 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <malman@world.std.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [72005] Re: Speed of Light
Message-ID: <002001bfcfb6\$90437240\$0100a8c0@dandooley>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Light is (and I'm going to stay away from being too technical here) not particulate in the way that gases are (solids and liquids are in reality just really thick gasses, right?) and can indeed travel through a vacuum without causing any impact on that vacuum. Think of space, for example. We know light as well as radio waves can travel through that. Sound waves can't however, (with the exception of the rumble of the big interstellar ships as proved by Starwars!). Yea, I know, we can argue that outter space is not all that pure a vacuum.

If you add molecular material, you compromise the vacuum. For years I worked with mass spectrometers. The smallest contaminants within the vacuum chamber could cause the chamber to take days to pump down, provided it ever did. Once it was "clean", that is everything had been outgassed, turning on the filament following it's own cleanup (burn off of any contaminants) and we know filaments give off light, caused no change in the vacuum level. The filament created a beam of electrons (attracted to an anode). This contributed nothing. Neither did the flux lines of the magnetic field cutting through the chamber.

It was the introduction of gaseous material which causes the pressure to rise in a vacuum.

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@pipeline.com
SOC#198
May Goddes love blest ye alle
"Ancient Pistol, I do partly understand your meaning."

----- Original Message -----
From: Joel Malman <malman@world.std.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Tuesday, June 06, 2000 2:53 AM
Subject: Re: Speed of Light

> Ian,
>
> Interesting.... But a question I have been wanting to ask for years...
>
> The speed of light is always referenced as "light speed in a vacuum".
>
> I never understood that. How can light be in a vacuum. If there are
> light particles (photons) in the "Vacuum", then it's not a vacuum.
>
> .. joel (queen mary)
>
> --
> /joel K1QM (k1 queen mary), Concord, MA.
> QRP-L #337, QRP-ARCI #9305, MI-QRP #1641
>
>

Date: Tue, 06 Jun 2000 08:31:45 -0500
From: Dan Copeland <n0dt@alltel.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [72006] Re: REPOST : QRP-L FOXHUNT RESULTS w/ WS4S score!
Message-ID: <4.3.2.7.2.20000606082858.00b167f0@mail.alltel.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Thanks to Richard Brummer K2JQ, for pointing out
that this is the scores for 1999.

I thought I needed to spend more time with my
middle schooler learning her kind of math :-).

Dan

Date: Tue, 6 Jun 2000 08:36:14 -0500
From: "Gary Lee Phillips" <ka9nzi@arrl.net>
To: Wb8siw@aol.com, qrp-l@lehigh.edu
Subject: [72007] Re: Alaskan QRP
Message-ID: <200006061336.IAA19455@mail.lib.colum.edu>

Thanks for the Bush Net information, I'll give that a listen and see what I can hear. In the absence of any regular beacon from KL7 (at least, none I've been able to learn of) it's been hard to tell if there even is an opening between IL and AK.

I've worked traffic nets in the past (when Illinois still had a slow speed net) so I'm familiar with NTS procedure. I'll keep the 7RN in reserve as a possibility, and as you suggest, I would have considered "tail-ending" after the net closed some time.

I also received a message from Jim, AL7FS, offering to set up a schedule for me later this summer. That ought to do the trick if nothing else.

Alaska isn't the only state I'm missing, there are a couple of the other toughies: ND, DE, ID come to mind. But I'm sure they'll come along soon in some contest if nothing else. I've worked them in the past, from another QTH. But AK has always escaped me...

Anyway, thanks very much.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Tue, 6 Jun 2000 09:42:32 EDT
From: NB6M@aol.com
To: qrp-l@lehigh.edu
Subject: [72008] Full Mailbox for Qrpop
Message-ID: <b0.613cab8.266e59c8@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Sorry for the bandwidth here on the list.

I have tried several times to respond to a query from "Qrpop" and cannot, because I get a message saying his mailbox is full.

Date: Tue, 06 Jun 2000 09:24:47 -0500
From: "Russell Cheatham" <u2892@email.sps.mot.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [72009] Portable Recommendations?
Message-ID: <393D09AF.EC77ED3F@email.sps.mot.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I may get the opportunity for some travel over the next few years and want to operate if possible. Some areas may not have reliable power. Will be casual operating. Any recommendations or experiences on rigs/antennas/power sources that are easy to travel with? I have an IC-735 not being used, but seems a bit big to try and throw in a suitcase? Will QRP be my best bet for size and power consumption and travel ease? Any recommendations on getting reciprocal licenses?

Date: Tue, 6 Jun 2000 10:31:08 -0400
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "_AAAA_NOGA_onlist (E-mail)" <nogaqrp@qth.net>, "klqrp_submit (E-mail)" <klqrp@waterw.com>, "Qrp1_Submit (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [72010] AE4GX GA Sierra Setup weighs in at 2.5 pounds for ARS Sparatan Sprint
Message-ID: <66FCE0D1DF76D311913800805F6D0FA3CE52A8@mailserver1.usan.com>
MIME-Version: 1.0
Content-Type: text/plain

Well I finally got on the sprint with my homebrew GA Sierra. Worked multi-band (that's neat) and really enjoyed the two hours.

The HB Sierra (w/3 band modules) , 10-AA, whiterook paddles, earbuds all together tipped the scales at 2.5 pounds.

15 Q's 9/20mtrs, 4/40mtrs and 2/80mtrs. SPCs = 12 states plus Canada.

The signals on 20 mtrs were LOUD. I had to use my RF gain and back off several times.

Sierra was running at 1 watt , Antennas: 20mtrs= Butternut vertical, 40/80mtrs= endfed longwire w/LDJ tuner

I finally worked AL7FS Jim but he was visiting in Iowa. O'well.

I ran into some NOGA guys on 80 mtrs Jim W4QO and Dave K4LDI. It was near

the ned of the event so we made the exchanges and had a chat as well.

While we were in a three way we heard a K1 station trying to give a RST. We thought it was for one of us but we couldn't get the station to acknowledge our calls.

I'm still not down to the UTLRA light weight yet like AA4XX at 0.7 pounds but I'm heading in the right direction.

Sam Billingsley AE4GX Atlanta, GA
personal web page at <http://ae4gx.home.mindspring.com/>
North Georgia QRP Club web page at <http://www.qsl.net/nogaqrp/>

Date: Tue, 6 Jun 2000 07:29:12 -0700 (PDT)
From: Steve Yates <aa5tb@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [72011] Re: [TEST] Sprint
Message-ID: <20000606142912.20257.qmail@web3004.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Jim/Julia <w7ls@blarg.net> wrote:
> As an aside,
>
> CQ SS would have meant something entirely different
> in 1942 Europe.
> Jim W7LS

I don't ever call CQ SS but since I wasn't even thought of in 1942, how about filling in the rest of us as to what it would have meant?

It is used all of the time during CW Sweep Stakes isn't it?

=====
73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://www.geocities.com/aa5tb>
aa5tb@arrl.net

Do You Yahoo!?

Yahoo! Photos -- now, 100 FREE prints!

<http://photos.yahoo.com>

Date: Tue, 06 Jun 2000 09:27:33 -0500
From: Richard Matthews <prm@hiwaay.net>
To: dandoooley@pipeline.com, qrp-1@lehigh.edu
Subject: [72012] Re: Speed of Light
Message-ID: <3.0.1.32.20000606092733.00938c30@hiwaay.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

If you consider the Heisenberg Uncertainty Principle...light photons have no measurable mass yet display all the characteristics of mass. So the introduction of light protons into a true vacuum would not negate that vacuum.

Richard

At 07:51 AM 6/6/00 -0500, you wrote:

>Light is (and I'm going to stay away from being too technical here) not
>particulate in the way that gases are (solids and liquids are in reality
>just really thick gasses, right?) and can indeed travel through a vacuum
>without causing any impact on that vacuum. Think of space, for example. We
>know light as well as radio waves can travel through that. Sound waves
>can't however, (with the exception of the rumble of the big interstellar
>ships as proved by Starwars!). Yea, I know, we can argue that outer space
>is not all that pure a vacuum.

>

>If you add molecular material, you compromise the vacuum. For years I
>worked with mass spectrometers. The smallest contaminants within the vacuum
>chamber could cause the chamber to take days to pump down, provided it ever
>did. Once it was "clean", that is everything had been outgassed, turning on
>the filament following it's own cleanup (burn off of any contaminants) and
>we know filaments give off light, caused no change in the vacuum level. The
>filament created a beam of electrons (attracted to an anode). This
>contributed nothing. Neither did the flux lines of the magnetic field
>cutting through the chamber.

>
>It was the introduction of gaseous material which causes the pressure to
>rise in a vacuum.
>
>
>Dan W. Dooley WB5TKA Bedford, Texas EM12ku
> e-mail to: dandoooley@pipeline.com
>SOC#198
>May Goddes love blest ye alle
>"Ancient Pistol, I do partly understand your meaning."
>
>
>----- Original Message -----
>From: Joel Malman <malman@world.std.com>
>To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
>Sent: Tuesday, June 06, 2000 2:53 AM
>Subject: Re: Speed of Light
>
>
>> Ian,
>>
>> Interesting.... But a question I have been wanting to ask for years...
>>
>> The speed of light is always referenced as "light speed in a vacuum".
>>
>> I never understood that. How can light be in a vacuum. If there are
>> light particles (photons) in the "Vacuum", then it's not a vacuum.
>>
>> .. joel (queen mary)
>>
>> --
>> /joel K1QM (k1 queen mary), Concord, MA.
>> QRP-L #337, QRP-ARCI #9305, MI-QRP #1641
>>
>>
>
>

Date: Tue, 6 Jun 2000 10:19:52 -0500
From: "Rick - WW9JD" <ww9jd@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [72013] Re: Speed of Light
Message-ID: <200006061520.KAA24044@mail.netdirect.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hi Joel,

```
> Interesting.... But a question I have been wanting to ask for years...
>
> The speed of light is always referenced as "light speed in a vacuum".
>
> I never understood that. How can light be in a vacuum. If there are
> light particles (photons) in the "Vacuum", then it's not a vacuum.
>
> .. joel (queen mary)
>
> --
> /joel K1QM (k1 queen mary), Concord, MA.
> QRP-L #337, QRP-ARCI #9305, MI-QRP #1641
```

I only teach 8th Grade physical science, but as I understand it as light travels through a vacuum it is traveling as a wave. A wave is energy moving from one place to another, and not a movement of matter.

73,

Rick
<><

Rick Dubbs WW9JD
Greenwood (near Indianapolis), Indiana USA

Date: Tue, 06 Jun 2000 08:19:59 -0700
From: neil <neil@aaade.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [72014] Re: Sources for LCD displays
Message-ID: <393D169F.8813B65C@aaade.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Also check out this very good page on
programming LCDs
<http://home.iae.nl/users/pouweha/lcd0.htm>

--

Neil
http://www.aade.com
mailto:neil@aade.com
Almost All Digital Electronics
1412 Elm St. SE
Auburn, WA 98092
253-351-9316

Date: Tue, 06 Jun 2000 11:35:15 -0400
From: Jim Lyons <lyons@canada.com>
To: na5n@rt66.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72015] Re: Bands pretty cruddy!
Message-ID: <3.0.5.32.20000606113515.008145d0@pop.videotron.ca>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii

At 09:12 PM 05/06/00 -0600, Paul Harden, NA5N wrote:
>Gang,
>As several have noted, the bands kinda stink right now.

There's a Sudden Ionospheric Disturbance in effect right now at 11:30 EDT.
Not a single signal to be heard anywhere on the entire shortwave band, no
WWV, no BC stations. It started about 15 minutes ago while I was in a PSK
QSO :(

Jim Lyons, VE2KN
Montreal

Date: Tue, 6 Jun 2000 11:35:24 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu
Subject: [72016] PORTABLE ANTENNA-loop or inverted vee
Message-ID: <61.43710ed.266e743c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I am curious as to the advantage of a 66ft loop used on the DK9SQ mast vs a
40M dipole with two 33 ft legs used on the DQ9SQ mast, if any (other than
cost)---

Alan KB7MBI

Date: Tue, 6 Jun 2000 10:37:44 -0500
From: "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [72017] RE: Speed of Light
Message-ID: <000001bfcdcd\$2bdc0cb0\$ef5d6f81@v8.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Einstein once said, "...matter and energy are somewhat different manifestations of the same thing..." Sometimes light acts like a wave and sometimes it acts like particles. Electromagnetic energy bends around a knife edge just like a wave. It refracts when it moves from one medium to another just as waves "refract" when they move from one depth of water to another. Light acts like particles also. It can make things move as in a radiometer (the little black/silver fins in the bulb that spins when exposed to sunlight) just as if you were hitting the plates with particles of something. Light is effected by gravity just like matter which suggests it is made of some type of "particles." But then in quantum physics the characteristics of certain "things" change depending on whether or not you are looking.

72/73

Kevin, WB5RUE

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Rick - WW9JD
> Sent: Tuesday, June 06, 2000 10:20 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Speed of Light
>
>
>
> I only teach 8th Grade physical science, but as I understand it as
> light travels through a vacuum it is traveling as a wave. A wave is
> energy moving from one place to another, and not a movement of
> matter.
>
> 73,
>

> Rick
> <><
> -----
> Rick Dubbs WW9JD
> Greenwood (near Indianapolis), Indiana USA

Date: Tue, 6 Jun 2000 11:42:21 EDT
From: Wb8siw@aol.com
To: resmith666@uswest.net, qrp-1@lehigh.edu
Subject: [72018] Re: Alaskan QRP
Message-ID: <17.68869b0.266e75dd@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 06/06/2000 9:23:35 AM Eastern Daylight Time,
resmith666@uswest.net writes:

<< I am interested in the radiotelephone nets too. Please post or send
e-mail.

Would also be interested in any radiotelephone nets that include the 7th
Region - to include Idaho.
>>

AK Radiotelephone Nets:

Alaksa, Pacific Emergency Preparedness Net: 14292 kc Mon-Fri 830PM (0530Z)
Alaska Snipers Net: 3920 kHz Daily 600PM (0300Z)
Motley Group: 3933 kHz Daily 900PM (0600Z)

Please note that most nets shift to Daylight Time (does AK have Daylight
Savings Time in the summer? hi.)

These are also from the '99/'00 ARRL Net Directory.

Idaho:

CW: Idaho Montana Net (CW): 3647 kHz Daily 0300Z
(This is a very active traffic net with a nice web page. It should be
there every day)

SSB:

Friendly Amateur Radio Missions Net: 3937 kHz Daily 0200Z
Idaho Civil Defense Net: 3990 kHz Mon-Fri 1500Z

NTS Seventh Region Cycle 2:

Please note that Cycle 2 (aka "Daytime") Cycle is primarily SSB, whereas evening cycle is primarily CW. As in the case of the Cycle 4 (CW) nets, these are "closed" nets intended simply to exchange NTS message traffic between Sections/Areas. However, you may be able to nab a desired station after the net is closed ('QNF").

7RN Cyc. 2: 7238 kHz Daily 945AM (1745Z)
 7238 kHz Daily 315PM (2315Z)

Good luck!

73, Jim, WB8SIW

To learn more about CW traffic nets or NTS, visit the Michigan QMN Web Page:
www.qsl.net/w8ihx/

Date: Tue, 6 Jun 2000 11:45:10 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <lyons@canada.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [72019] Re: Bands pretty cruddy!
Message-ID: <028e01bfcfce\$66f04c20\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hmm, I actually hooked up the antenna on the K2 and made a bunch of QRP contacts last night. 40M, 20M, 17M, and 15M all were hopping and I made contacts. I heard some stuff on 80M and 12M but didn't get through. 10M was dead dead dead....

I managed to work Allabama, Missouri, Oregon, Wisconson, Illinois....

In fact, for a while, I thought 40M was just TOO crowded!

But I shut down about 10:15 local (Eastern) time. Got too into Star Trek on the telly.

Mike

----- Original Message -----

From: Jim Lyons <lyons@canada.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Tuesday, June 06, 2000 11:35 AM
Subject: Re: Bands pretty cruddy!

> At 09:12 PM 05/06/00 -0600, Paul Harden, NA5N wrote:
> >Gang,
> >As several have noted, the bands kinda stink right now.
>
> There's a Sudden Ionospheric Disturbance in effect right now at 11:30
EDT.
> Not a single signal to be heard anywhere on the entire shortwave band,
no
> WWV, no BC stations. It started about 15 minutes ago while I was in a
PSK
> QSO :(
>
> Jim Lyons, VE2KN
> Montreal
>
>

Date: Tue, 6 Jun 2000 11:50:04 EDT
From: Wb8siw@aol.com
To: wb5rue@stic.net, qrp-1@lehigh.edu
Subject: [72020] Re: Speed of Light
Message-ID: <d.5b850b5.266e77ac@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 06/06/2000 11:38:44 AM Eastern Daylight Time,
wb5rue@stic.net writes:

<< But then in quantum physics the
characteristics of certain "things" change depending on whether or not you
are looking. >>

That must be why I barely made it through that Atomic and Nuclear Physics
Class I was required to take in college years agoit must also be the
reason the class average on the first exam was 7 percent! LOL

73, Jim

Date: Tue, 6 Jun 2000 11:52:43 -0400
From: "J. Ervin Bates" <w8erv@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [72021] Re: Bands pretty cruddy!
Message-ID: <006b01bfcfcf\$41654900\$47451b3f@win98>

Amazing to NOT hear WWV at ALL! I'm starting to hear some weak stations on 14.197 right now (11:50 EDT).

72,
Erv W8ERV

HamFair2000 is coming...ask me about it!
"Dare to Dream-It Sets Your Spirit Free!"

10-10# 70639 - QRP-ARCI# 9702 - SOC# 41
QRP-L #1569 - NorCal Zombie #236 - Worked All
El Paso #033/1999 - Member, MI DX Assn.
MI QRP Club, M-1688 - FPqrp- 50 - Member ARRL
Rag Chewers' Club - WAC -

Date: Tue, 06 Jun 2000 10:53:08 -0500
From: "George T. Baker" <w5yr@att.net>
To: kf0ov@alltel.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [72022] Re: REPOST : QRP-L FOXHUNT RESULTS w/ WS4S score!
Message-ID: <393D1E64.49C395BB@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Similar problem here.

W5YR has 18 no-doubt Foxii in the log, yet the list shows only 12 (?).

Happy to provide a list - not that it matters all that much . . . but if we are going to keep score, then . . .

72/73, George

Fairview, TX 30 mi NE Dallas in Collin county

Amateur Radio W5YR, in the 54th year and it just keeps getting better!

R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556

Dan Copeland wrote:

>

> OK,

>

> I am confused! I worked all but one fox. N0EA and W0CH worked

> them all!! I am not on the list and N0EA scored 11 and W0CH scored

> 25. I guess I don't understand the new math!!

>

> Could someone explain it to me? From what I see we need to send

> the plaques back for the team scores because Tesla's Terrors didn't

> make a showing.

Date: Tue, 6 Jun 2000 09:00:03 -0700 (PDT)

From: Monte Stark <ku7y@dri.edu>

To: "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [72023] RE: Speed of Light

Message-ID: <Pine.GS0.4.10.10006060854260.11361-1000000@rotor.dri.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

> But then in quantum physics the characteristics of certain

> "things" change depending on whether or not you are looking.

Every time I go 'Back in my hole' I see this "box". The Copenhagen Interpretation says that the box cannot contain either a simple dead cat or a simple live cat but must be either a cat that is both dead and alive at the same time or a cat that is neither dead nor alive, suspended in limbo.

Until you look..... and I'm afraid to look.....

Darn that Schrodinger, why did he have to do that to his cat?

: -)

OK, back in my hole.... (and I'm not touching that box!)

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....
....Visit my Home Page.....http://www.qsl.net/ku7y/....

Date: Tue, 6 Jun 2000 09:23:54 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: <aa5tb@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [72024] Re: [TEST] Sprint
Message-ID: <020401bfcfd1\$7ea1a320\$c8891004@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Think WW2, Nazis, the special police force that was Hitler's base of power.

TERRIBLE, NASTY stuff.

OQRPP: Let's get back to QRP. The 602/612 seems the chip we love and hate. Cheap, functional, overloads easily and hard to get, at least for the short term. ;-)

So what other mixer technology is out there that works well for QRP purposes? Especially low power drain.

72/3 Rod, N0RC -- Fort Collins, CO

----- Original Message -----
From: Steve Yates <aa5tb@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Tuesday, June 06, 2000 8:29 AM
Subject: Re: [TEST] Sprint

> --- Jim/Julia <w7ls@blarg.net> wrote:
> > As an aside,
> >
> > CQ SS would have meant something entirely different
> > in 1942 Europe.
> > Jim W7LS
>
> I don't ever call CQ SS but since I wasn't even

> thought of in 1942, how about filling in the rest of
> us as to what it would have meant?
>
> It is used all of the time during CW Sweep Stakes
> isn't it?

Date: Tue, 6 Jun 2000 10:06:51 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [72025] Time for a QRP-L FAQ?
Message-ID: <020501bfcfd1\$8222daa0\$c8891004@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks.

I've only been active on QRP-L for about 18mos. but I have noticed various topics re-occur. What rig to get? What books are good to have? Batteries & solar power; antennas, and Propagation. Parts where to get them? Soldering....probably others.

So why not an FAQ? Now what I have in mind is not another ARRL handbook, nor a list of websites. I'm thinking of something more like a library card catalog. Question, brief summary answer, bibliography of where to get more detailed info.

So where to go from here?

(1) What to include in the FAQ? I'll seed the ideas with this:

- a) What rig to get/build?
 - rig reviews, pointer to eHam and other sites.
- b) What books are good to have?
- c) Batteries:
 - Gel-cell vs Alkaline vs NiMH vs NiCad vs ???
 - How to charge them?
 - Solar charging
- d) How do I run my station from a Solar panel?
- e) What antenna should I use?
 - dipole vs inv-V vs multi-band doublet vs vert. vs ????
- f) Propagation what do the numbers mean? SFI, K, A...
- g) Logging software.

- k) keys & keyers
- i) parts/equip where to get them?
links to NJQRP, ARCI, NorCal & other sites.
- j) soldering howto

(2) Where to put it? I'll be happy to host is at my site.

(3) Who should do it? A few people, too much work for one person. I'll take the lead for now. Volunteers to help? To facilitate communications let's keep the number down to about 6.

Next steps:

(1) cast you vote YES: Do an FAQ, NO: the idea stinks. Voting is open for 2 weeks to accommodate digest readers. Votes accepted No later than: 20-Jun-2000

(2) everybody/anybody suggest or comment on topics above. I'll post an updated list after the YES/NO vote.

(3) Volunteer to help. ;-) I'll take names for 1 week. Send me your name, email address area of interest. I envision one or a _few_ people tackling one two sections.

(4) If you have a favorite FAQ and would like to submit it for inclusion consideration for this FAQ project. Send it to me.

Things to consider:

(1) This can't be a do it once forget it kinda thing. We need to keep it current.

(2) Think how cool it will be to offer to a newbie: Check the FAQ everything you need is right there.

(3) Think how much cooler it will be to have a technical discourse by the list heavy weights discussing how a particular FAQ should/could be update as technology advances.

OK that's the deal what do you think?

72/3 Rod, N0RC -- Fort Collins, CO

Date: Tue, 6 Jun 2000 10:25:29 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Cc: gqrp@onelist.com
Subject: [72026] 6JUN: MAJOR FLARES in progress
Message-ID: <Pine.SUN.4.10.10006061012230.13864-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,
There have been three MAJOR flares in the past 3 hours:
1330UTC X1
1400UTC M7
1500UTC X2

All 3 appear to have come from region 9206, which is now geoeffective, meaning the shockwave/CME from these events will undoubtedly hit the earth in about 55 hours triggering a major geomagnetic storm and auroral activity. Details will be available later as satellite data is processed.

The X2 above is still in progress at I write this. The speed of light energy is still hitting the earth as ionizing radiation, meaning the E and F layers are becoming highly ionized. But this radiation is also penetrating down to the D-layer, heavily ionizing the D-layer causing very heavy absorption to HF signals. This near HF blackout will subside a few hours after the flare activity ends, by early evenings east coast US time (2400 UTC) or so. (As the D-layer ionization boils off). The current near blackout was caused immediately after the first X1 flare, ionizing the D-layer quickly, with a sudden onset, and is often called a SID, or "sudden ionospheric disturbance." In this case, it was flare induced. 3 MAJOR flares, in fact.

The good news for QRPers is the E and F layers will be highly ionized (high MUF and high reflectivity) over the next two days and a great time to work some higher band DX ... BEFORE the shock wave hits late thursday/early friday.

I'll post the details of this from the NOAA report later today when more is known about the trajectory of the shock wave and anticipated strength of the resulting geomagnetic storm. It could be a biggie.

You can see the x-ray power of these flares at:
www.sec.noaa.gov/today.html

72, Paul NA5N

Date: Tue, 6 Jun 2000 09:24:02 -0700
From: Maurice L Haynes <kv7g@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [72027] For Sale: QRP Companion
Message-ID: <20000606.092403.-48643019.0.kv7g@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Matching Unit for the QRP+ - Not many of these were made.
Antenna Tuner for Coax or Wire
Gel Cell Battery (4 1/2 AH I beleive)
Noise Bridge.
The unit is in excellent cosmetic and operating condition
except for the noise bridge, evidently the transistors have been zapped.
I have the paper work including schematic.
I will consider the best offer over \$95.00 Post Paid in the lower 48.

Please respond to my Mindspring address below for fastest results, I only
check once a day.

Bud - KV7G - Yuma, AZ

Mailto:kv7g@mindspring.com
Web Page <http://www.qsl.net/kv7g>

Date: Tue, 06 Jun 2000 12:29:43 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [72028] Re: [TEST] Sprint
Message-ID: <008b01bfcfd4\$6c7b2790\$2d0a05cc@rochester.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

> OQRPP: Let's get back to QRP. The 602/612 seems the chip we love and
> hate. Cheap, functional, overloads easily and hard to get, at least
> for the short term. ;-)

> So what other mixer technology is out there that works well for QRP
> purposes? Especially low power drain.

Rod,

Depends. For light work a simple swizzle stick does fine. For heavier work I
use a fork or a whisk.

Dave

Date: Tue, 6 Jun 2000 12:29:12 -0400 (EDT)
From: Joel Malman <malman@world.std.com>
To: lyons@canada.com
Cc: qrp-l@Lehigh.EDU
Subject: [72029] Re: Bands pretty cruddy!
Message-ID: <200006061629.MAA05722@world.std.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Not a single signal to be heard anywhere on the entire shortwave band,

YEP! Not one amateur signal heard of 40 and 20 meters, at Noon EST
(1600z). I even went out to visit the antenna out-in-the-woods to
make sure it was not on the ground.... I did not check other bands,
but I suspect the same results.

Very strange! Guess I now know how our friends in KL7'land feel ...
so lonely.

--
/joel K1QM (k1 queen mary), Concord, MA.
QRP-L #337, QRP-ARCI #9305, MI-QRP #1641

Date: Tue, 6 Jun 2000 12:35:06 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: "Rod, N0RC" <n0rc@qsl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [72030] Re: Time for a QRP-L FAQ?
Message-ID: <Pine.3.89.10006061208.F2259-01000000@bc.seflin.org>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 6 Jun 2000, Rod, N0RC wrote:

>
> I've only been active on QRP-L for about 18mos. but I have noticed
> various topics re-occur. What rig to get? What books are good to have?
> Batteries & solar power; antennas, and Propagation. Parts where to get
> them? Soldering....probably others.
>

Wasn't that sort of what WB8RCR had in mind when he produced the QRP-L
Archives CD? Available from several distributors at cost.

73,

Bob Patten, N4BP

(0 0)

Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org

Web Page: <http://www.qsl.net/n4bp>

Brass Pounder BBS: (954) 472-7715

SOC #1Whiners #6

Date: Tue, 6 Jun 2000 12:43:10 -0400 (EDT)
From: mulveyr@iname.com
To: aa5tb@yahoo.com
Cc: qrp-l@lehigh.edu
Subject: [72031] Re: [TEST] Sprint
Message-ID: <200006061643.MAA15269@mulvey.dyndns.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> --- Jim/Julia <w7ls@blarg.net> wrote:
> > As an aside,
> >
> > CQ SS would have meant something entirely different
> > in 1942 Europe.
> > Jim W7LS
>
> I don't ever call CQ SS but since I wasn't even
> thought of in 1942, how about filling in the rest of
> us as to what it would have meant?
>
> It is used all of the time during CW Sweep Stakes
> isn't it?

>

The SS was Hitler's internal police force, who acquired (and deserved) a reputation for extraordinary cruelty and brutality.

But, that being said, I think avoiding the use of "SS" *in this context* is ridiculous, and just going way over the top to be politically correct. Heck, even as an amateur historian with a particular emphasis on WWII, my first reaction on hearing "CQ SS" would be "Spread Spectrum?" Did someone else get an STA? :-)

- Rich

Date: Tue, 06 Jun 2000 12:51:53 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [72032] Re: [TEST] Sprint
Message-ID: <00a001bfcfd7\$85953650\$2d0a05cc@rochester.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

> But, that being said, I think avoiding the use of
> "SS" *in this context* is ridiculous, and just going
> way over the top to be politically correct. Heck,
> even as an amateur historian with a particular
> emphasis on WWII, my first reaction on hearing "CQ SS"
> would be "Spread Spectrum?" Did someone else get
> an STA? :-)

Rich,

Even if they did, would you be able to hear them? Spread-spectrum isn't exactly a mode one uses to call CQ.

Dave

Date: Tue, 6 Jun 2000 13:00:47 EDT

From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu
Subject: [72033] ANTENNA PATCH PANEL
Message-ID: <13.639ef3b.266e883f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

About a year ago someone shared with us his PATCH PANEL for switching in various rigs and antennas. I figure the patch panel will make it easy to lineup various rigs, tuners, and antennas effectively and at a cost savings. I plan to install one but wanted to chat with the fella who presented this info. Please respond direct. TNX
Alan KB7MBI

Date: Tue, 06 Jun 2000 10:03:48 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: mulveyr@iname.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72034] Re: [TEST] Sprint
Message-ID: <393D2EF4.13CB7635@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

mulveyr@iname.com wrote:

>
> > --- Jim/Julia <w7ls@blarg.net> wrote:
> > > As an aside,
> > >
> > > CQ SS would have meant something entirely different
> > > in 1942 Europe.

Or the US .. no ham ops were allowed then.

> The SS was Hitler's internal police force, who
> acquired (and deserved) a reputation for extraordinary
> cruelty and brutality.
>

Not all that internal, since they formed panzer divisions, etc. that invaded other countries. The Gestapo (Secret State Police) was nominally the internal security force, along with even more shadowy and

less known organizations. Of course, any of these, including the SS, were real nasties .. with the power of instant death .. internal or external to Germany.

> But, that being said, I think avoiding the use of
> "SS" *in this context* is ridiculous, and just going
> way over the top to be politically correct. Heck,
> even as an amateur historian with a particular
> emphasis on WWII, my first reaction on hearing "CQ SS"
> would be "Spread Spectrum?"

Agreed .. with all the CQ XYZ for contests, special events, etc. there are likely many opportunities to be (historically!) politically incorrect. On a more current basis, someone will eventually have a contest where we will call CQ KGB or some such thing!

Phil

Date: Tue, 06 Jun 2000 13:04:29 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [72035] Re: [TEST] Sprint
Message-ID: <00a501bfcd9\$47ac24a0\$2d0a05cc@rochester.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

> > OQRPP: Let's get back to QRP. The 602/612 seems the chip we love and
> > hate. Cheap, functional, overloads easily and hard to get, at least
> > for the short term. ;-)
> > So what other mixer technology is out there that works well for QRP
> > purposes? Especially low power drain.
>
> Rod,
>
> Depends. For light work a simple swizzle stick does fine. For heavier work
I
> use a fork or a whisk.

All joking aside, Rod, Dan Tayloe published in this very list a couple years ago some information on a neat technique using an analog multiplexer IC as a quadrature detector. Dan claimed it had excellent large-signal handling capability and other benefits.

I'm gradually experimenting with the idea, using a CMOS analog mux. I hope to have some useful things to report soon. CMOS chips tend to be fairly low

power devices (unless you clock them at 700 MHz, but that's another story).
We'll see how low.

Dave

Date: Tue, 6 Jun 2000 12:06:39 -0500
From: "Mike =?ISO-8859-1?Q?N=D8WDM"?= <michaelbstjames@email.msn.com>
To: <brad.mugleston@gwl.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [72036] Re: New rig
Message-ID: <00c801bfcfd9\$95cc24a0\$fb350b3f@default>

I'm Sorry I really did try to resist ... but my hands started to sweat
and my brain began to swell and first thing you know it just popped
out!

"If you build it they will come."

Okay, okay I am due for my 50,000 pun check up.

Mike in Minnesota

-----Original Message-----

From: Mugleston, Brad <brad.mugleston@gwl.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Monday, June 05, 2000 1:30 PM
Subject: New rig

>I was sitting the other day between events while watching one of my kids do
>something and thought it would be great to have a small CW rig that I could
>take with me and not need a 66 foot dipole to operate.

>

>Does anyone make (I would prefer a kit) a 2 meter CW rig, kind of like an
HT

>that I could take out to the park and use without all the fuss of trying to
>get an antenna in the air?

>

>Then if I built it would anyone be there?

>

>de KI00T, Brad

Date: Tue, 06 Jun 2000 10:06:13 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: dlh1009@ritvax.isc.rit.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72037] Re: [TEST] Sprint
Message-ID: <393D2F85.7DC157AE@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

David Hinerman wrote:

>
> > But, that being said, I think avoiding the use of
> > "SS" *in this context* is ridiculous, and just going
> > way over the top to be politically correct. Heck,
> > even as an amateur historian with a particular
> > emphasis on WWII, my first reaction on hearing "CQ SS"
> > would be "Spread Spectrum?" Did someone else get
> > an STA? :-)
>
> Rich,
>
> Even if they did, would you be able to hear them? Spread-spectrum isn't
> exactly a mode one uses to call CQ.
>

Well, what does "hear" mean? To have a SS qso there must be decoding
eqmt. I cannot read a PSK31 CQ either .. except on my computer screen.

But I've never operated SS .. so I may miss the meaning here.

Phil

Date: Tue, 6 Jun 2000 12:06:28 -0500
From: "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>
To: "'Monte Stark'" <ku7y@dri.edu>
Cc: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [72038] RE: Speed of Light
Message-ID: <000001bfcd9\$8eb6a2d0\$ef5d6f81@v8.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

It's the same principle behind my kids' "clean" rooms. They're "clean" until I look. Then, for some unknown reason, they are dirty again. It's either quantum mechanics at work or gremlins.

72/73

Kevin, WB5RUE

```
> -----Original Message-----
> From: Monte Stark [mailto:ku7y@dri.edu]
> Sent: Tuesday, June 06, 2000 11:00 AM
> To: Kevin Muenzler, WB5RUE
> Cc: Low Power Amateur Radio Discussion
> Subject: RE: Speed of Light
>
>
> > But then in quantum physics the characteristics of certain
> > "things" change depending on whether or not you are looking.
>
> Every time I go 'Back in my hole' I see this "box". The
> Copenhagen Interpretation says that the box cannot contain
> either a simple dead cat or a simple live cat but must be
> either a cat that is both dead and alive at the same time
> or a cat that is neither dead nor alive, suspended in limbo.
>
> Until you look..... and I'm afraid to look.....
>
> Darn that Schrodinger, why did he have to do that to his
> cat?
>
> :-)
>
> OK, back in my hole.... (and I'm not touching that box!)
>
> 73, Ron
>
> .....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
> ....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
> .....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....
> ....Visit my Home Page.....http://www.qsl.net/ku7y/....
>
```

Date: Tue, 06 Jun 2000 10:15:12 -0700
From: Allan G Taylor <k7gt@qsl.net>

To: qrp-1@lehigh.edu
Cc: k7gt@qsl.net
Subject: [72039] FS/shack cleaning items
Message-ID: <393D31A0.12A3@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Doing some shack cleaning and came up with some items that are just not being used or built. My clutter could be your treasure.

.....

A Radio Shack digital SWR/watt meter, (21-527). It is the one with the remote sensor unit and a separate digital display. I purchased it here on QRP-L but then the tuner I picked up has a SWR/wattmeter in it, so this one is now redundant. \$50 shipped .

Tuna Tin 2 kit (NJQRP) (unbuilt) and a MRX40 receiver kit (also unbuilt) package deal, \$15 shipped .

Super CMOS III keyer kit (Idiom Press). I have \$55+3 in it (with shipping). Will not likely be building it soon, so will sell for what I have in it (\$58 shipped to you). (I already have one built up so this won't make me QRS a bit...!)

3 7AH batteries with double fuse leads and R/S molex connectors already on. PowerSonics, I believe. I purchased these batteries new about 1 year ago and have yet to use them except for charging and testing. Paid \$16 each and are in superb condx. \$15 each with the connectors. Prefer local pickup but will ship if the buyer pays.

A HamKey iambic paddle/key combo. Has a call sign (not mine...) scratched into the plastic. This one stays put and doesn't walk around the operating desk. Paid \$65, will ship for \$70. Field tested QRPTTF 1999...

The George Dobbs 6-pack parts kit and two sets of PCBs. Only the RF probe has been made up (included...). Cost \$30 (parts kit) at Pacificon 99. Sell for \$22 shipped.

Arrow 2m yagi (4 el) with standard and 2-section booms (2-section is for backpacking). I have been going to try it for two years now... \$35 shipped for everything.

40m Hamstick. \$15 + shipping. (if I can find the stinger, else \$6...)

Outbacker Perth, damaged in rollover (no, not mine). Free + shipping.

(if I haven't thrown it out yet, can't recall for sure and am at work not at home!)

Antennas for all Locations, Moxon \$15 shipped.

RF Design , Wes Hayward, \$15 shipped.

1995 Radio Amateurs Handbook (ARRL) \$18 shipped.

Two-section tubular crankup mast, equivalent to USTowers MA40. Has base fixture (tip-up) but mast requires securing to eave. \$250 and will deliver within 200 miles of Pleasanton CA for gas mileage (have long tongued trailer).

Three 24' sections of aluminum boom stock, nested into mast arrangement that didn't work out. 3", 2.5", 2" OD. wall thickness .120". Separately or package deal for \$150. Very minor slots and holes on each end for pulleys, etc. Originally from Texas Towers for from \$85 to \$65. Will sell for \$60, 55, 50, respectively if wanted individually. Shipping as mentioned with above mast.

Cushcraft XM510 5 el 10m yagi in superb condition. I will not be able to effectively use this beauty this sunspot cycle (i.e., no rotator and high support) so if someone wants it for what I have in it (\$125) plus shipping, it is yours. Otherwise I will continue using it at 16' to get into the local 10-10 net.

Aluminum and coils from a Butternut HF6V. (No capacitors or stubs) Would make a great 40 or 80m vertical. \$15 plus shipping.

USArmy (I guess) field hand crank generator. Missing one of the two cranks. Doesn't put out voltage (magnets seem to be nonmagnetic!). Apparently used in the field to power ARC5 units (I believe but not certain, I am just not that old!). Substantial weight. Free to a good home + shipping.

Dana Designs Bridger serious daypack. Volume ~2700 cu in (large size). Immaculate condition. Internal frame type design. Has the large padded waistbelt. Perfect for Bumblebee outings. paid over \$200, sell for \$150 shipped.

All items are for sale rather than trade (unless you have a few Motorola MRF237s you want to part with...)

All shipping is assumed to continental US. Others negotiable.

73 all Allan K7GT

--

Allan Taylor K7GT Pleasanton/Livermore CA

k7gt@qsl.net or k7gt@aol.com

Date: Tue, 06 Jun 2000 17:23:21 +0000
From: Michael Neverdosky <mneverdosky@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72040] Re: [TEST] Sprint
Message-ID: <393CED39.2440FDFA@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

While I am aware of the SS of WWII, on the ham radio bands
I instantly think SweepStakes when hearing cq ss.

To some, that is nightmare enough. :-)(

Next year I will make more than one contact in the ss.

:-))

michael N6CHV

> > It is used all of the time during CW Sweep Stakes
> > isn't it?

Date: Tue, 6 Jun 2000 13:23:47 -0400 (EDT)
From: mulveyr@iname.com
To: dlh1009@ritvax.isc.rit.edu
Cc: qrp-1@lehigh.edu
Subject: [72041] Re: [TEST] Sprint
Message-ID: <200006061723.NAA16216@mulvey.dyndns.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> Rich,

>

> Even if they did, would you be able to hear them? Spread-spectrum isn't

```
> exactly a mode one uses to call CQ.
>
```

Actually, one of the protocols for establishing SS contacts (at least a few years ago, on vhf) was to call CQ in a "common" mode like CW or Phone, and then establish the QSO in SS.

And then there was the proposed requirement - now eliminated - that SS stations perform their 10-minute ID's in CW.... :-)

- Rich

Date: Tue, 6 Jun 2000 12:27:36 -0500
From: "Bradfield, Brad V." <BBradfield@spectrapoint.com>
To: "'QRP-L'" <qrp-l@lehigh.edu>
Cc: "Wolford, Troy" <TWolford@spectrapoint.com>
Subject: [72042] HW-7 MANUAL
Message-ID: <8D9A3E0C6F42D1118EDC0060081D3FFA02DD9B73@ucusmail.spectrapoint.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hello y'all - -

I'm posting this for a friend who is not on the list. He needs a copy of the schematic and operating portion of a HW-7 manual. If you can help him out, reply directly to Troy, KC5KDM, at twolford@spectrapoint.com. Thanks in advance for the help.

72's es 73's,

Brad, W5CGH

[illegible]

Brad Bradfield, PE
(ex WB=D8CGH)

W5CGH

Test Staff Engineer
SpectraPoint Wireless LLC

Real men talk with their fingers!

NORTEX NORCAL QRP-L #377
SMIRK #4906 QRP-ARCI # ARS #72
Austin QRP Club #i Alaska QRP Club #350

Date: Tue, 6 Jun 2000 11:32:59 -0600
From: "Mugleston, Brad" <brad.mugleston@gwl.com>
To: =?iso-8859-1?Q?Mike_N=D8WDM?= <michaelbstjames@email.msn.com>, Low Power
Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [72043] RE: New rig
Message-ID: <F9645092A142D3118CBD00805F15292E097B5647@eb-mail1.gwl.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

If I build it they may come. But I don't think being tarred and =
feathered
is something I should look forward to.

> -----Original Message-----
> From: Mike N=D8WDM [SMTP:michaelbstjames@email.msn.com]
> Sent: Tuesday, June 06, 2000 11:07 AM
> To: brad.mugleston@gwl.com; Low Power Amateur Radio Discussion
> Subject: Re: New rig
>=20
> I'm Sorry I really did try to resist ... but my hands started =
to
> sweat
> and my brain began to swell and first thing you know it just
> popped
> out!
>=20
> "If you build it they will come."
>=20
> Okay, okay I am due for my 50,000 pun check up.
>=20
> Mike in Minnesota

Date: Tue, 6 Jun 2000 13:50:46 -0400 (EDT)
From: "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
To: mulveyr@iname.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72044] Re: [TEST] Sprint
Message-ID: <Pine.BSI.4.05L.10006061345220.7960-1000000@vh1.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

>
> The SS was Hitler's internal police force, who
> acquired (and deserved) a reputation for extraordinary
> cruelty and brutality.
>
> But, that being said, I think avoiding the use of
> "SS" *in this context* is ridiculous, and just going
> way over the top to be politically correct.

Good point. Also, if we are "correct", we can no longer use
OM (Old Man), after all, not only is it sexist, it also might offend
seniors. I shudder to think that I might be chastised for using
YL or XYL.

Perhaps it's time to develop politiclly correct ham terms.

I'll be happy to post them on my site, along with the Missing Q signals.

../
baltimoremd@baltimoremd.com Thom LaCosta K3HRN Webmaster

http://www.baltimoremd.com/	Baltimore's Home Page
http://www.baltimorehon.com	Home of the Baltimore Lexicon
http://www.min.net/~thom/	Home of the Drake Mailing List

Date: Tue, 06 Jun 2000 11:08:41 -0700
From: Allan G Taylor <k7gt@qsl.net>
To: qrp-1@Lehigh.EDU
Subject: [72045] Re: FS/shack cleaning items
Message-ID: <393D3E29.6B8C@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The TT2/MRX40 , Outbacker Perth , and RFDesign/Hayward are committed.

73 GT

--

Allan Taylor K7GT Pleasanton/Livermore CA

k7gt@qsl.net or k7gt@aol.com

Date: Tue, 06 Jun 2000 18:10:30 +0100
From: David Heintzleman <pstrdave@kdsi.net>
To: ARDUJENSKI@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72046] Re: PORTABLE ANTENNA-loop or inverted vee
Message-ID: <393D3086.F6C2975@kdsi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

the mast won't hold up the dipole, even as an inverted vee. Mast will bend drastically - same with loop - the light-weight loop that is sold to go with the mast is bit flimsy, hard to stabilize.
I would go with New Wave's Portapole, see AES catalog - for aluminum collapsable masts, bit pricey but really good
Dave K8BM

ARDUJENSKI@aol.com wrote:

>
> I am curious as to the advantage of a 66ft loop used on the DK9SQ mast vs a
> 40M dipole with two 33 ft legs used on the DQ9SQ mast, if any (other than
> cost)---
>
> Alan KB7MBI

Date: Tue, 6 Jun 2000 11:29:43 -0700 (PDT)
From: Norman Young <norman_y@yahoo.com>
To: qrp-1@lehigh.edu
Subject: [72047] Need Help with TS 520 on QRP
Message-ID: <20000606182943.14895.qmail@web2001.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I know this question has come up before, but I have a Kenwood TS520 that I want to use for QRP. I know that a small DC voltage can be applied to the ALC circuit to drop the output below 5 watts. The circuit to do that is usually described as a 9v battery in series with a 100k pot. However, there are two things that I don't know, and I can't figure them out from the

manual.

First, there is an 8 pin remote socket on the back of the unit. Pin 6 is designated for the ALC, so I assume that is, or could be, one input, but I'm not sure where the other lead should go, or what the polarity should be. I don't want to do this by trial and error, since the goal is QRP and not QRT...

So, if anyone has had any experience using one of these circuits on the TS 520, I'd appreciate knowing the right way to interface the circuit with the rig. I am on the digest, so I'd appreciate it if you would cc me directly with any info at either...

normany@mindspring.com

or

norman_y@yahoo.com

tnx es 72,
Norman
KA4PUV

Do You Yahoo!?

Yahoo! Photos -- now, 100 FREE prints!

<http://photos.yahoo.com>

Date: Tue, 6 Jun 2000 14:28:24 -0400

From: tailfeathers@juno.com

To: n0rc@qsl.net

Cc: qrp-l@Lehigh.EDU

Subject: [72048] Re: Time for a QRP-L FAQ?

Message-ID: <20000606.142828.-3758889.0.tailfeathers@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Well Rod? I think an FAQ is a great idea, and most web businesses, organizations, etc, have one but?. It seems like everyone is worried about how much use the list gets. Apologizing for their posts seems a little weird to me. And when it is more on the basic question side of it they are afraid of getting ripped for not being as knowledgeable as someone else. I have used several FAQ's but they can have the same

effect as a telephone answering machine, because you can't answer every question with one. I'm not sure that you would want to use that with a beginner very often. I am rediscovering my love of amateur radio and am doing it with Qrp. I need all of those dumb questions answered.

73 Gary

> (2) Think how cool it will be to offer to a newbie: Check the FAQ
> everything you need is right there.
>
> (3) Think how much cooler it will be to have a technical discourse
> by
> the list heavy weights discussing how a particular FAQ should/could
> be
> update as technology advances.
>
> OK that's the deal what do you think?
>
> ---
> 72/3 Rod, NØRC -- Fort Collins, CO
>
>

YOU'RE PAYING TOO MUCH FOR THE INTERNET!

Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Tue, 06 Jun 2000 11:40:37 -0700
From: Jim/Julia <w7ls@blarg.net>
To: aa5tb@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72049] Re: [TEST] Sprint
Message-ID: <393D45A5.6D08634B@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I think it is used for Sweepstakes, but I'm no contestor. I was also 'unthought of' in 1942, when 'SS' was known as the secret police in Nazi Germany. They were the most ruthless of Hitler's organizations. Many people are offended at the use of their name, or anything that could be remotely connected with them. Out of respect for that aversion, I'm happy to accede to their wishes.

Some people will undoubtedly consider this as 'off topic', so please

include 1111 in the subject line, so others can filter it out. Thanks.
Jim W7LS

Steve Yates wrote:

```
> --- Jim/Julia <w7ls@blarg.net> wrote:
> > As an aside,
> >
> > CQ SS would have meant something entirely different
> > in 1942 Europe.
> > Jim W7LS
>
> I don't ever call CQ SS but since I wasn't even
> thought of in 1942, how about filling in the rest of
> us as to what it would have meant?
>
> It is used all of the time during CW Sweep Stakes
> isn't it?
>
> =====
> 73,
> Steve Yates - AA5TB
> Fort Worth, TX - EM12gs
> http://www.geocities.com/aa5tb
> aa5tb@arrl.net
>
> -----
>
> -----
> Do You Yahoo!?
> Yahoo! Photos -- now, 100 FREE prints!
> http://photos.yahoo.com
```

Date: Tue, 06 Jun 2000 11:40:02 -0700
From: Casey Ray <clray@usc.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72050] F/S 38 Special
Message-ID: <393D4582.3BB0590B@usc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello again,

Deal fell through so I am listing again. I have a 38 special 95%

complete with tick keyer installed along with the custom Doug Hauff enclosure, pots and switches for \$65 and I'll cover shipping to the lower 48. Have original documentation.

Thanks for the bandwidth.

73 de Casey
AD6DI

Date: Tue, 6 Jun 2000 12:54:52 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-1@lehigh.edu
Cc: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
Subject: [72051] [PROP] SEVERE storm likely
Message-ID: <Pine.SUN.4.10.10006061245400.14677-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Update 1300 MDT 6 June 2000

Initial satellite and ground based observations show the 3 MAJOR flares earlier today indeed produced massive coronal mass ejections (CME) that will impact the earth from late 7 June to late 8 June (depending upon the velocity of the shockwave, which will be determined from later observations). The single M-class and two X-class flares, occurring within a two hour period, came from region 9206, which is less than 30 degrees from the center of the sun, or placing it well within the "window" where the trajectory of the shockwave is earth-bound.

Already, several agencies are predicting SEVERE to EXTREMELY SEVERE Geomagnetic storms from today's events. That will be a K index of 8 to 9 and an A-index >100. This will cause complete HF blackouts, spectacular auroras into the lower latitudes and possible damage to orbiting satellites.

I will post today's NOAA RSGA with commentary when it is released later today for those interested in this upcoming "biggie."

72, Paul NA5N

Date: Tue, 06 Jun 2000 14:09:35 -0400

From: Bob Kellogg <ae4ic@nr.infi.net>
To: n0rc@qsl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [72052] Re: Time for a QRP-L FAQ?
Message-ID: <393D3E5F.A8914AB2@nr.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rod,

I think your "FAQ" idea is a great one!

There are some potential problems with it, but nothing this group can't solve. For one thing, many of our discussions "depend". (The reason for the quotation after my signature)

For example, there are more than one travel/portable situation. Some guys will want to carry their rig in a backpack, and others don't mind carrying it in a suitcase. Some have access to a pole or tree for the high side of their antenna, and some do not.

Never-the-less, I think you've got a great idea, and with some thought, we can figure a way to handle the various variations.

Maybe the way to do it would be to start each subject with some general guidelines or discussion, then later cover the variations, each in detail. That way, a note from one of the various "experts" among us could be used to explain each one of the details.

Antennas are an example of what I'm talking about. Newbies usually get hung up on coming up with a resonant antenna of some kind, worrying about the size of the wire, whether it should be insulated or not, what kind of end insulators to use, how high to hang it, etc.

Those of us that have built and tried a few antennas know that there is a general rule of thumb - put as much wire (any kind of wire) as you can as high as you can, then use a simple tuner to work any band. After that, which will get you on the air in pretty good shape, there are lots of refinements that can be done. But, the refinements are just that. The rule of thumb will get you 80% of there, and the refinements only part of the rest of the way.

Having said all of that, it's still fun to experiment with different antenna designs, trading broad coverage for directional coverage, etc., etc. None of this is either right or wrong, nor is it necessarily "best", except for a narrow set of circumstances.

Almost all of our QRP-L discussions are like the Antenna example above. There are some general rules or guidelines, then there are refinements. It will take someone who really understands the subject to sort through which is a guideline and which is specific to a detail.

I don't know how that could be handled, but it may be worth some effort.

"Rod, N0RC" wrote:

> I have noticed various topics re-occur. What rig to get? What books > are good to have? Batteries & solar power; antennas, and Propagation. > Parts where to get them? Soldering....probably others.

>

> So why not an FAQ?

--

73,

Bob Kellogg, AE4IC, Greensboro, NC

Prolobly, not nececelery. - Benny Hill

Date: Tue, 6 Jun 2000 14:19:43 -0500

From: "Dan W. Dooley" <dandooley@pipeline.com>

To: <w7ls@blarg.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [72053] Re: [TEST] Sprint

Message-ID: <001101bfcfec\$3f718920\$0100a8c0@dandooley>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Come on people! Get real!

SS stands for Sweep Stakes. Look, there is a capital "S" at the beginning of each part of the name! Not for anything related to another time and place in history. This is ham radio, not political history. We've gotta get away from walking on eggs. What if a guy's name is Stanley Smith - can someone be offended if he signs "SS as his initials?

For those so easily offended over non-issues, grow up! Use a little intelligence and common sense.

Sorry. Last of my rant.....

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@pipeline.com
SOC#198
May Goddes love blest ye alle
"Ancient Pistol, I do partly understand your meaning."

----- Original Message -----

From: Jim/Julia <w7ls@blarg.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Tuesday, June 06, 2000 1:40 PM
Subject: Re: [TEST] Sprint

> I think it is used for Sweepstakes, but I'm no contestor. I was also
> 'unthought of' in 1942, when 'SS' was known as the secret police in Nazi
> Germany. They were the most ruthless of Hitler's organizations. Many
> people are offended at the use of their name, or anything that could be
> remotely connected with them. Out of respect for that aversion, I'm
> happy to accede to their wishes.
> Some people will undoubtedly consider this as 'off topic', so please
> include 1111 in the subject line, so others can filter it out. Thanks.
> Jim W7LS
>

Date: Tue, 6 Jun 2000 13:36:59 -0600
From: zmola@campbellsci.com
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [72054] Re: "Old Man Copper"
Message-ID: <200006061325.NAA15451@demeter.campbellsci.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Randy & Cara Randall <crrandal@seidata.com> wrote:

> Riley knows they are there, the FCC just has not done anything about it, yet.
> Copper has a very bad reputation for poor customer service, selling used as
> new and slow to ship. Don't worry. they WILL get to him.

I don't know. I've purchaced their ssb handheld (spitfire) and they are pretty
legalistic.

If you want to see a real bootleg site see.
<http://www.coaxkid.com>
and look at the amplifier section.

www.bills2way.com is another CB shop that is better respected. Even they sell 'export' radios.

As far as bad customer service, I had fine results. I did get a lemon the first time and they replaced it. Of course I hadn't modified it. I think people complain a lot because they add on shipping ~10 for a rig.

The only QSO I've had on it was with Japan (QRP at that).

I've also sort of wondered about the FCC amp ruling. I have seen an HTX-10 lookalike sold with a 250W amplifier in one package. As far as I can tell that is legal. Since I can buy a 100W rig, why can't I buy a 100W amplifier. (I know the reason, but I'm not sure it makes sense).

As far as Copper goes, they consciously walk a tight rope. They may get shut down, but I doubt it. Is it ethical, maybe not but it probably is legal.

Carl
AC7BB

Carl
zmola@campbellsci.com

Date: Tue, 6 Jun 2000 15:56:46 EDT
From: Shephed@aol.com
To: qrp-l@lehigh.edu
Subject: [72055] Re: [TEST] Sprint
Message-ID: <4e.684468d.266eb17e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Ok people, please line up here for your reality checks.

"There's nothing to see here, move on"

72, 73
Dan, N8IE

Date: Tue, 6 Jun 2000 13:01:49 -0700
From: "Frank Grigaliunas" <fgrig@iea.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [72056] Re: Speed of Light
Message-ID: <00b801bfcff2\$ddbab7e0\$3abae3cc@frank>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

"Monte Stark" <ku7y@dri.edu> wrote:

> Darn that Schrodinger, why did he have to do that to his
> cat?

Schrodinger, Erwin! Professor of physics!
Wrote daring equations! Confounded his critics!
(Not bad, eh? Don't worry. This part of the verse
Starts off pretty good, but it gets a lot worse.)
Win saw that the theory that Newton'd invented
By Einstein's discov'ries had been badly dented.
What now? wailed his colleagues. Said Erwin, "Don't panic,
No grease monkey I, but quantum mechanic.
Consider electrons. Now, these teeny articles
Are sometimes like waves, and then sometimes like particles.
If that's not confusing, the nuclear dance
Of electrons and suchlike is governed by chance!
No sweat, though--my theory permits us to judge
Where some of 'em is and the rest of 'em was."
Not everyone bought this. It threatened to wreck
The comforting linkage of cause and effect.
E'en Einstein had doubts, and so Schrodinger tried
To tell him what quantum mechanics implied.
Said Win to Al, "Brother, suppose we've a cat,
And inside a tube we have put that cat at--
Along with a solitaire deck and some Fritos,
A bottle of Night Train, a couple mosquitoes
(Or something else rhyming) and, oh, if you got 'em,
One vial prussic acid, one decaying ottom
Or atom--whatever--but when it emits,
a trigger device blasts the vial into bits
Which snuffs our poor kitty. The odds of this crime
Are 50 to 50 per hour each time.
The cylinder's sealed. The hour's passed away. Is
Our pussy still purring--or pushing up daisies?
Now, you'd say the cat either lives or it don't

But quantum mechanics is stubborn and won't.
Statistically speaking, the cat (goes the joke)
Is half a cat breathing and half a cat croaked.
To some this may seem a ridiculous split,
But quantum mechanics must answer, 'Tough s**t.
We may not know much, buy one thing's fo' sho':
There's things in the cosmos that we cannot know.
Shine light on electrons--you'll cause them to swerve.
The act of observing disturbs the observed--
Which ruins your test. But then if there's no testing
To see if a particle's moving or resting
Why try to conjecture? Pure useless endeavour!
We know probability--certainty, never.'
The effect of this notion? I very much fear
'Twill make doubtful all things that were formerly clear.
Till soon the cat doctors will say in reports,
'We've just flipped a coin and we've learned he's a corpse.'"
So said Herr Erwin. Quoth Albert, "You're nuts.
God doesn't play dice with the universe, putz.
I'll prove it!" he said, and the Lord knows he tried--
In vain--until fin'ly he more or less died.
Win spoke at the funeral: "Listen dear friends,
Sweet Al was my buddy. I must make amends.
Though he doubted my theory, I'll say of this saint:
Ten-to-one he's in heaven--but five bucks says he ain't"

Cecil Adams, 1984

Date: Tue, 06 Jun 2000 12:08:33 -0700
From: Paul Erickson <paule@sfu.ca>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, Multiple recipients of
list QRP-CANADA <qrp-canada@lists.gpfn.sk.ca>
Subject: [72057] MAX 231 - 232 question
Message-ID: <393D4C31.58041493@sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I need to build a tty-ttl converter for computer control of an Icom761.
The circuit I have calls for a MAX231cpd, but I am only able to get
the MAX232. From looking at the circuits, it seems fairly straight
forward,
but I would appreciate hearing from anyone familiar with these devices
as to what adjustments to the circuit will need to be made.

Thanks in advance.

--

cheers, Paul - VA7NT (ex VE7CQK) - email: paule@sfu.ca

"Those who hear not the music, think the dancers mad..."

Date: Tue, 06 Jun 2000 16:11:01 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: ae4ic@nr.infi.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [72058] Re: Time for a QRP-L FAQ?
Message-ID: <393D5AD5.1B01@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob, and group,

Once upon a time Chuck tried to develop a set of FAQs for this list. It was a good project but like so many of Chuck's project it suffered from overkill in the outline. Chuck outlined a set of FAQs much like a college course rather than on a 'what do they need' basis. I think the idea could be revived though if some more common sense is put into it.

What should be included in FAQs. Who should write them. Where should they be posted.

What should be included in FAQs. I think they would be a place to find "common" interest items on the basics of QRP operation. What are the basics? Rigs, antennas, components, and workshop practices. I think what is needed is a repository for rig reviews to answer the question "has anybody tried the XYZ20 transceiver" type question. An antenna section describing how people have solved their antenna problems both fixed station and portable. A components section with specs and design advice on using capacitors, inductors, and active components. And finally a "Dear Abby" section that discusses the various operating modes and types.

Who should write it? The various reviews can be taken from the archives. A dispassionate editor can select the positive and negative reviews from those that have appeared here in the past. The antenna section the same way. Components may have to be specifically written. Operating advice can be selected from the archives. The CD ROM projects would add invaluable material.

I have seen it written that the CD ROMS solve the FAQ problem, but do

they? You first have to know where they can be purchased and then buy one before it does you any good. I believe the more common 'browser' oriented ham wants to find a site on line that answers the questions.

Where to post the FAQs. I think where we already post the archives would be a good place. Also I would bet that the QRP ARCI would like to host them as a service to QRP.

I'd like to hear comments.

73

Date: Tue, 6 Jun 2000 15:12:01 -0500
From: Bcieslak@ra.rockwell.com
To: qrp-l@lehigh.edu
Subject: [72059] Sources for LCD displays
Message-ID: <0F2EC4330F.FA9F7CC7-0N862568F6.006DC7B0@ra.rockwell.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

I have a bunch of LCD displays that are pull outs from an old product line that were scrapped many years ago. they are marked
Epson EA-D16125RR - Y2. I don't have data sheets but you can probably get them from the web somewhere. Is \$5 ea plus shipping a fair price.
They can be back lit, have a parrallel interface 16 x2. I was going to use them for the CW decoder that was in QST a while back. I'll forward the profits to Handi Hams in the name of QRp-L. I have a limited supply (about 50)so its on a first come first serve basis.

Please Email to AE9K @arrl.net

Brian AE9K

Date: Tue, 06 Jun 2000 13:14:52 -0700
From: Allan G Taylor <k7gt@qsl.net>
To: qrp-l@Lehigh.EDU
Subject: [72060] Re: FS/shack cleaning items, UPDATE
Message-ID: <393D5BBC.271B@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The items still available are:

R/S digital watt/SWR meter

Super CMOS III keyer kit

7 AH batteries

HamKey paddle/handkey combo

Arrow 2m yagi

Moxon antenna book

1995 Radio Amateurs Handbook

tubing, masts and 10m yagi

Dana Designs daypack

See my previous post for full info.

73 K7GT

--

Allan Taylor K7GT Pleasanton/Livermore CA

k7gt@qsl.net or k7gt@aol.com

Date: Tue, 6 Jun 2000 16:24:01 -0400 (EDT)
From: lujce@Lehigh.EDU
To: n0rc@qsl.net
Cc: qrp-l@lehigh.edu
Subject: [72061] Re: Time for a QRP-L FAQ?
Message-ID: <200006062024.QAA90766@nss4.cc.lehigh.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rod and Gang,

Well, you've spoiled the surprise :-) Claton KA0GKC and I have been working on a FAQ (web-based, but text can be generated and posted to the list) but I'm afraid I've been holding-up the works. We do plan to have others contribute to various sections. More soon, I promise.

73
Jim N3VXI

Date: Tue, 6 Jun 2000 13:38:04 -0700
From: "NA6E" <na6e@qsl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [72062] CLUB: July issue of the QRP Quarterly
Message-ID: <LPBBKMHGKJHAFCHLDJBAEEGICKAA.na6e@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've enlisted help in putting the finishing touches to the July issue of the QRP Quarterly, but it will be a few weeks late getting to everyone. I'll have someone do a posting when I have a definite shipping date.

I also want to publicly thank everyone for their "well wishes" and offers of help. It will be a few weeks yet before I can sit up long enough to answer all the notes individually. There is an amazing group of people on this list.

73
Mary, NA6E
Sacramento, CA
Editor QRP-ARCI Quarterly
QRP-C #7 QRP-ARCI #9923 WHINER'S #2 FPQrp #35

Date: Tue, 6 Jun 2000 13:45:30 -0700 (PDT)
From: Steve Yates <aa5tb@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72063] Re: [TEST] Sprint
Message-ID: <20000606204530.26859.qmail@web3006.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I apologize for my naivety in regard to the CQ SS subject. I am NOT totally ignorant of the history of WWII and in fact have been very interested in it. I just thought everyone may have been referring historically to something like "CQD" or "SOS", when

referring to CQ SS, all of course being radio related.

I would of never thought anything else (who would call CQ for those guys) but without being there (WWII) I guess I can't really speak of what others may think.

My apologizes to the list for propagating this thread.

This one caught me by surprise.

=====

73,

Steve Yates - AA5TB

Fort Worth, TX - EM12gs

<http://www.geocities.com/aa5tb>

aa5tb@arrl.net

Do You Yahoo!?

Yahoo! Photos -- now, 100 FREE prints!

<http://photos.yahoo.com>

Date: Tue, 6 Jun 2000 15:45:10 -0500

From: "James P. Osburn, P.E." <j.p.osburn@ieee.org>

To: "List; QRP, QRP Mailing List" <qrp-l@lehigh.edu>

Subject: [72064] IEEE Microwave Magazine Article

Message-ID: <000501bfcff8\$3524b3a0\$db365a3f@oemcomputer>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I read a good article in the June, 2000, IEEE Microwave Magazine last night, "The Electronics of Radio: Teaching College Electronics with an Amateur Transceiver", by David Rutledge, pp. 90-99.

The link in reference 3 is incorrect. A slash got changed to a dot. Here's the link that worked for me.

<http://www.its.caltech.edu/~mmic/group.html>

There's a short article on page 98 by Wayne Burdick, "The NorCal 40A Low-Power CW Transceiver".

There's also an ad for the book "The Electronics of Radio" on page 70.

Jim, WD9EYB

Date: Tue, 6 Jun 2000 13:59:12 -0700
From: "John Moriarity" <k6qq@hdo.net>
To: <w7ox@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [72065] Re: [TEST] Sprint
Message-ID: <00b501bfcffa\$12180180\$ea424cd1@k6qq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> > Even if they did, would you be able to hear them? Spread-spectrum
isn't
> > exactly a mode one uses to call CQ.
> >
>
> Well, what does "hear" mean? To have a SS qso there must be decoding
> eqmt. I cannot read a PSK31 CQ either .. except on my computer
screen.
>
> But I've never operated SS .. so I may miss the meaning here.
>
> Phil

Spread Spectrum signals are created by "operating on"
a desired signal with what is called a "pseudo-noise"
(PN) code. There are several types of SS: phase
modulation, frequency hopping, etc, which spread
the signal energy over a larger bandwidth than the
information itself requires.

The "advantages" of SS include being able to work close
to the noise level (clandestine use by the military),
and having more than one user of the same spectrum at
the same time.

The latter requires the use of differing PN codes.
The longer the PN code, the more users possible.
The downside is that you must know the PN code being
used by the other station in order to synchronize
or "lock up" your receiver. The longer the PN code,
the longer the lockup time, too.

To make things more complicated, not all PN codes

give good rejection of unwanted signals. There are only a limited number of "Gold Codes" that give superior interference rejection performance.

Then, too, although unsynchronized signals look like pseudorandom noise, enough of them will eventually raise the noise floor, especially for the people who are not using SS.

If you were to call CQ on SS, the chance of having someone listening *and using the right PN code* seem pretty small. Of course we might set up a protocol of using only a few PN codes as "calling codes" like our present calling frequencies. But we all know how good people are about moving away after making their call ;-)

SS is fascinating to play with, but (to me) doesn't seem to fit well with HF Ham Radio operation.

72,

John, K6QQ

Alturas, CA, at the corner of 299 & 395.

Date: Tue, 6 Jun 2000 16:55:55 -0400
From: "Mike Yettsko" <myetsko@insydesw.com>
To: <paule@sfu.ca>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [72066] Re: MAX 231 - 232 question
Message-ID: <002e01bfcff9\$a05514c0\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wow, just two weeks ago I had data sheets on all the parts!
But now?

I don't recall the 231, but the who family of RS-232 to TTL converters are fairly similar. If you have the pinout for the part it's fairly easy to figure out. Some have multiple sections, some have enable lines, etc. But nothing really strange.

If you are designing this 'from scratch' to give you an equivalent interface, there shouldn't be a problem. I think most of their parts have about a 15ma overhead, which is quite acceptable, and the inputs and outputs are pretty well standard.

One thing to watch for though, is some parts are different in their charge pump areas. That is, some don't require caps, others do, and when they say they need 10uf for example, they NEED 10uf, otherwise their voltage will be low and you could have erratic operation. Check the parts sheet carefully. OH, and on at least one of the MAX data sheets, they specified which parts needed the caps, and which one doesn't, but their circuit 'examples' don't quite match, so be careful!

Mike

> I need to build a tty-ttl converter for computer control of an Icom761.
> The circuit I have calls for a MAX231cpd, but I am only able to get
> the MAX232. From looking at the circuits, it seems fairly straight
> forward,
> but I would appreciate hearing from anyone familiar with these devices
> as to what adjustments to the circuit will need to be made.
>
> Thanks in advance.
> --
> cheers, Paul - VA7NT (ex VE7CQK) - email: paule@sfu.ca
>
> "Those who hear not the music, think the dancers mad..."
>

Date: Tue, 6 Jun 2000 14:09:25 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio <qrp-1@Lehigh.EDU>
Subject: [72067] OT: Re: Cellular Phone info needed
Message-ID: <Pine.GS0.4.10.10006061406460.16533-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Thanks for the MANY replies. I'll try to thank each one as I get the time but I just had to give another great

big ATTA BOY to the members of the list once again!

Several have asked for a follow up on what and how I made my choice.

That will follow in a day or two.

Thanks again,

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....
....Visit my Home Page.....<http://www.qsl.net/ku7y/>....

Date: Tue, 06 Jun 2000 17:17:20 -0400
From: Paul Womble <pwomble1@tampabay.rr.com>
To: pstrdave@kdsi.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72068] Re: PORTABLE ANTENNA-loop or inverted vee
Message-ID: <393D6A60.B742BD07@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I use a 66' inverted Vee fed with 450 ohm ladder line supported by my DK9SQ mast. The wire is some 18 or 20 guage el-cheapo stranded speaker wire. I guy the mast with three 1/8" (may be 3/16") rope guys and Wal Mart tent stakes.

The ends of the wire elements are supported by a SD-20. This makes for a very easy to deploy antenna that performs well. Especially when weight is not an issue.

Works great. So far the mast has supported this antenna well. I am going to replace the 450 ohm cable with 300 ohm just to lighten the load on the mast...but it is not a requirement.

73
Paul AJ4Y

--
Polk County Chapter American Red Cross:

<http://www.redcross.org/fl/polkcounty>

Date: Tue, 6 Jun 2000 15:37:27 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: <na5n@rt66.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [72069] Re: [PROP] SEVERE storm likely
Message-ID: <033601bfcfff\$723be040\$c8891004@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Paul:

Are there 2 or 3 good websites to monitor that offer up to the minute news about this set of events? If/when things do start happening, is there some way the average Joe without an expensive solar observatory ;-) can detect it's beginning? I've tried listening for the NCDXF beacons but they are already subdued.

72/3 Rod, N0RC -- Fort Collins, CO

----- Original Message -----
From: Paul Harden, NA5N <na5n@rt66.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Tuesday, June 06, 2000 12:54 PM
Subject: [PROP] SEVERE storm likely

> Update 1300 MDT 6 June 2000
>
> Initial satellite and ground based observations show the 3 MAJOR
flares
> earlier today indeed produced massive coronal mass ejections (CME)
that
> will impact the earth from late 7 June to late 8 June (depending
upon

Date: Tue, 6 Jun 2000 17:45:07 -0400
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: "'lujce@Lehigh.EDU'" <lujce@Lehigh.EDU>, Low Power Amateur Radio Discussion
<qrp-l@Lehigh.EDU>
Subject: [72070] RE: Time for a QRP-L FAQ?
Message-ID: <125490A005E3D3118C9C00805FC743CC3E1D6F@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

That sounds great! What I suggest is that you release it as soon as it looks useful, rather than thinking it has to be 100% complete before it goes out. From there, you could solicit people to write various Q/As, or even just Qs.

Once it is available, I will immediately add it as a link to the ARRL "QRP" page at:

<http://www.arrl.org/tis/info/qrp-home.html>.

73,
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
FAX: 860-594-0259
Internet: w1rfi@arrl.org
ARRL Web: <http://www.arrl.org>
ARRL Technical Information Service: <http://www.arrl.org/tis/>

-----Original Message-----

From: lujce@Lehigh.EDU [mailto:lujce@Lehigh.EDU]
Sent: Tuesday, June 06, 2000 4:24 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Time for a QRP-L FAQ?

Rod and Gang,

Well, you've spoiled the surprise :-) Claton KA0GKC and I have been working on a FAQ (web-based, but text can be generated and posted to the list) but I'm afraid I've been holding-up the works. We do plan to have others contribute to various sections. More soon, I promise.

73

Jim N3VXI

Date: Tue, 06 Jun 2000 14:59:48 -0700
From: Allan G Taylor <k7gt@qsl.net>
To: qrp-1@lehigh.edu
Subject: [72071] Hy-Gain DX77 vertical sought
Message-ID: <393D7454.115F@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I would like to find a Hy-Gain DX77 vertical to pair with my existing one for a phased pair. Anyone know of one that may be coming up for sale? A previous deal collapsed.

73 and enjoy the triple flare blackout.

GT

--

Allan Taylor K7GT Pleasanton/Livermore CA

k7gt@qsl.net or k7gt@aol.com

Date: Tue, 06 Jun 2000 17:00:16 -0500
From: Dave Sjolín <sjolin@swbell.net>
To: n0rc@qsl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72072] Re: [PROP] SEVERE storm likely
Message-ID: <393D7470.7EA0FF9C@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

"Rod, N0RC" wrote:

>

> Are there 2 or 3 good websites to monitor that offer up to the minute
> news about this set of events? If/when things do start happening, is
> there some way the average Joe without an expensive solar observatory
> ;-) can detect it's beginning? I've tried listening for the NCDXF
> beacons but they are already subdued.

Rod, if you have any interest in VHF, you might monitor this site for Aurora info. It might also be valuable for knowing when polar paths are

likely to be very disturbed.

<http://members.mint.net/n1bug/prop/aumon/aufr.html>

73 de Dave, N0IT

Date: Tue, 6 Jun 2000 18:29:12 EDT
From: K1JD@aol.com
To: kf0ov@alltel.net, qrp-1@lehigh.edu
Subject: [72073] Re: REPOST : QRP-L FOXHUNT RESULTS w/ WS4S score!
Message-ID: <69.5ec4ad0.266ed538@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 6/6/00 8:54:15 AM Eastern Daylight Time, kf0ov@alltel.net writes:

> <http://www.oakland.edu/~prvalko>

Mamma gotta be mad at me too!!
No mention anywhere.

72/3,
John K1JD
Jamestown, RI
<http://hometown.aol.com/k1jd/index.html>
K2's #139 & 583 (& #917 & #948)

Date: Tue, 06 Jun 2000 15:40:53 PDT
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: n0rc@qsl.net
Cc: qrp-1@lehigh.edu
Subject: [72074] Re: [PROP] SEVERE storm likely
Message-ID: <20000606224053.19622.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

From: Rod, N0RC (n0rc@qsl.net)

>Are there 2 or 3 good websites to monitor that offer up to the minute
>news about this set of events? If/when things do start happening, is
>there some way the average Joe without an expensive solar observatory

>;-) can detect it's beginning? I've tried listening for the NCDXF
>beacons but they are already subdued.

Here is one site that is useful:

<http://dxlc.com/solar/>

Brad

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

Date: Tue, 6 Jun 2000 18:44:12 -0400 (EDT)
From: James Skalski <jskalski@localnet.com>
To: qrp-1@Lehigh.EDU
Subject: [72075] OT: DSL?
Message-ID:
<Pine.LNX.4.20.0006061838320.1245-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I am thinking of dumping my ISP and going to DSL. This would allow me to drop the dedicated phone line and the ISP charge.

Does anyone have an opinion about whether I should get a splitter or microfilters for my phones? I am close enough to the Phoneco at 4900feet for any type of DSL. I would probably opt for the cheapest version which would be about \$49. That would bring it close to the cost of a separate phone and ISP. It would a performance increase of about 11X.

What kinds of rates are you guys getting? Direct response might be best. Although this list is internet based and might be useful info.

73,

Jim n2go

Date: Tue, 6 Jun 2000 17:01:01 -0600
From: zmola@campbellsci.com
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [72076] Re: "Old Man Copper"
Message-ID: <200006061649.QAA20385@demeter.campbellsci.com>
MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Wow I was sort of rambling and incoherent.

About the 10M handheld I purchased from copper.
> The only QSO I've had on it was with Japan (QRP at that).

And the real point:
> As far as Copper goes, they consciously walk a tight rope. They may get
> shut down, but I doubt it. Is it ethical? Maybe not, but it probably is legal.

Carl
AC7BB

Carl
zmola@campbellsci.com

Date: Tue, 6 Jun 2000 18:56:28 -0400
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [72077] RE: DSL?
Message-ID: <125490A005E3D3118C9C00805FC743CC3E1D75@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

While we are on the subject of DSL, can anyone share with me any reports of
AM BC and HF noise levels before and after a DSL installation?

I would be especially interested in any VDSL reports.

73,
Ed Hare, W1RFI
ARRL Laboratory Supervisor
225 Main St
Newington, CT 06111
Tel: 860-594-0318
FAX: 860-594-0259
Internet: w1rfi@arrl.org
ARRL Web: <http://www.arrl.org>
ARRL Technical Information Service: <http://www.arrl.org/tis/>

-----Original Message-----

From: James Skalski [mailto:jskalski@localnet.com]

Sent: Tuesday, June 06, 2000 6:44 PM

To: Low Power Amateur Radio Discussion

Subject: OT: DSL?

I am thinking of dumping my ISP and going to DSL. This would allow me to drop the dedicated phone line and the ISP charge.

Does anyone have an opinion about whether I should get a splitter or microfilters for my phones? I am close enough to the Phoneco at 4900feet for any type of DSL. I would probably opt for the cheapest version which would be about \$49. That would bring it close to the cost of a separate phone and ISP. It would a performance increase of about 11X.

What kinds of rates are you guys getting? Direct response might be best. Although this list is internet based and might be useful info.

73,

Jim n2go

End of QRP-L Digest 1844

